

Repair, spare parts for 808nm diode lasers for hair removal. Repair of cosmetic lasers for hair removal. Diode laser stack 808nm. Spare parts, accessories handles, cosmetology laser manipulas for laser hair removal. Troubleshooting laser epilators.



**SUPPLIER OF SPARE PARTS** FOR COSMETOLOGY LASERS,  
DIODE HAIR REMOVAL LASERS, TATTOO REMOVAL,  
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808nm diode stack with power of 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 watts, manufacturer HT, HR, DVS, LST, HD, COE, HPL.

The main site is - <https://romshi.com/>

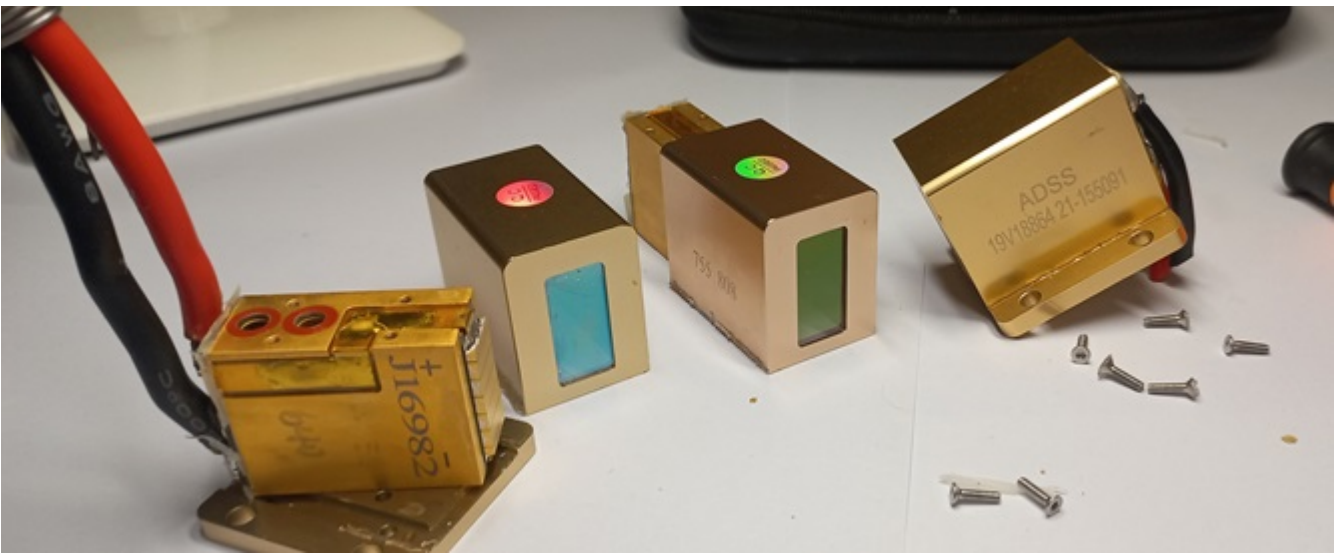
Online consultation. Send photo, video and problem of your laser. in WhatsApp, telegramm +79180110234

808nm diode stack 200, 250, 300, 350, 500, 600, 800, 800, 1000, 1200, 1600 watts, HT, HR, DVS, LST, HD, COE, HPL manufacturer.

SALE OF NEW LASERS AT FACTORY PRICE.  
WORLDWIDE DELIVERY.



For example, this is what a disassembled diode stack, diode matrix, laser emitter of the ADSS laser handle FG20000B, FG2000D looks like. This is a fairly standard 808nm diode stack structure.



By the way, in the photo below there is a visual difference between 100 and 50 watt bars. On the left is a 100 watt laser bar. He's taller. If you disassemble the 808nm diode stack, visually this is exactly the picture.



#### MAIN FAULTS AND REASONS FOR FAILURE OF THE 808NM LASER STACK:

- the laser emitter burned out, stopped producing flashes, black dots on the stack bars, visible burns in the solder joints between the bars. The main reason is overheating, which is directly affected by the temperature of the water in the apparatus. The ideal temperature is 23 degrees Celsius. The higher it is, the faster the diode stack will fail. The problem may also be in the electronic part. Each bar consumes a certain number of volts, and the voltage signal itself has a special shape.



- another reason is a physical disruption, such as broken outer glass.

- also, over time, the bars themselves "grow old" and no longer have the desired effect. In such cases, the emitter needs to be replaced with a new one.



**ONE OF THE QUESTIONS WHEN CALLING FOR LASER repair** is “the diode laser has stopped flashing, there is no tingling when the laser handle is working”,

1. You need to visually look through the window of the diode laser handpiece.
2. If there are black dots or spots inside the diode laser handle, then there is **PROBABLY 99% YOUR LASER BAR BURNED.**
3. I suggest you write by phone. +7(918)0110234 via WhatsApp or telegram.



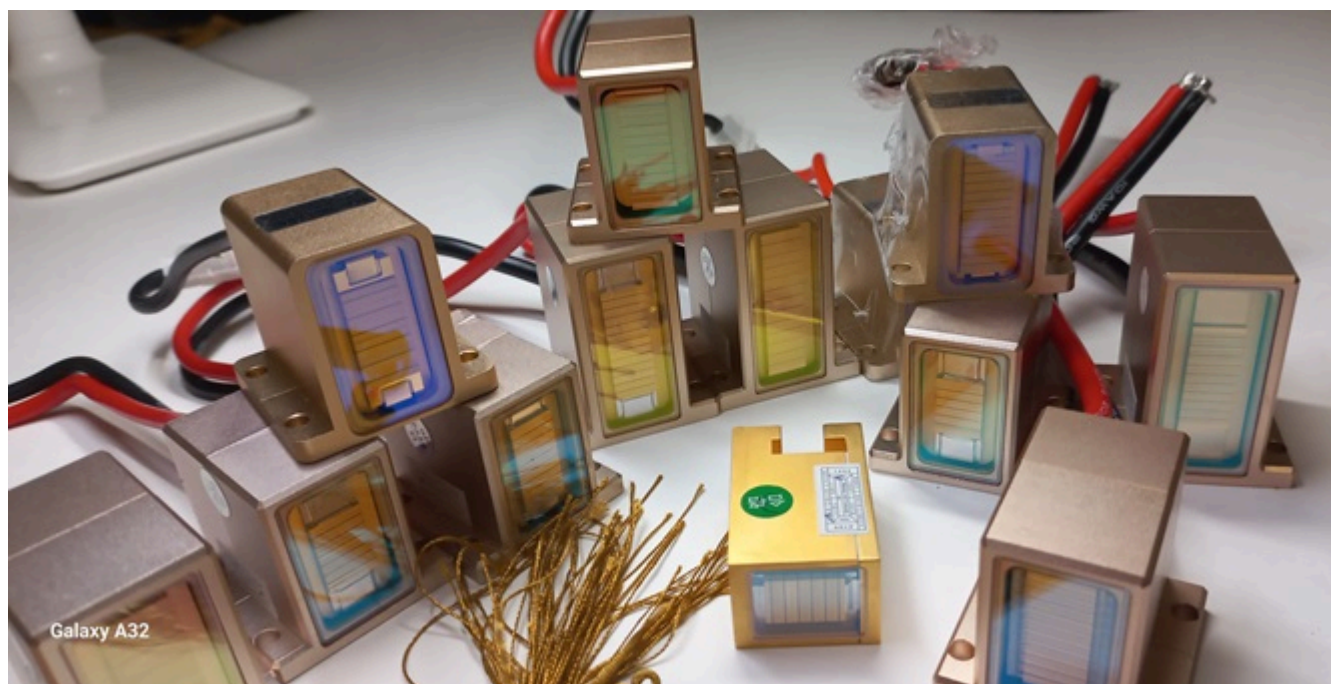
AVAILABLE ARE VARIOUS DIODE MATRIXES FOR EPILATION LASERS.

## ПЛЮСЫ РАБОТЫ С НАМИ

- БОЛЕЕ 100 ПОЗИЦИЙ В НАЛИЧИИ, НИЗКИЕ ЦЕНЫ, СКИДКИ
  - КОНСУЛЬТАЦИЯ ПО ЗАМЕНЕ СТЕКОВ , ПРАВИЛЬНОЙ ЧИСТКЕ СИСТЕМЫ, ПОМОЩЬ В ПРОВЕРКЕ ИСПРАВНОСТИ СИГНАЛА;
  - ОПЫТ 10 ЛЕТ, КОЛЛЕГИ ПО РОССИИ И СНГ;
  - ПОСТАВКИ АППАРАТОВ С ОБОСНОВАННОЙ НАДЕЖНОСТЬЮ
- ROMSHI.COM.RU** - БЛОГ О КОСМЕТОЛОГИЧЕСКОМ  
ОБОРУДОВАНИИ ОТ А ДО Я. ЕСЛИ ВОПРОСЫ **+7(918)0110234**

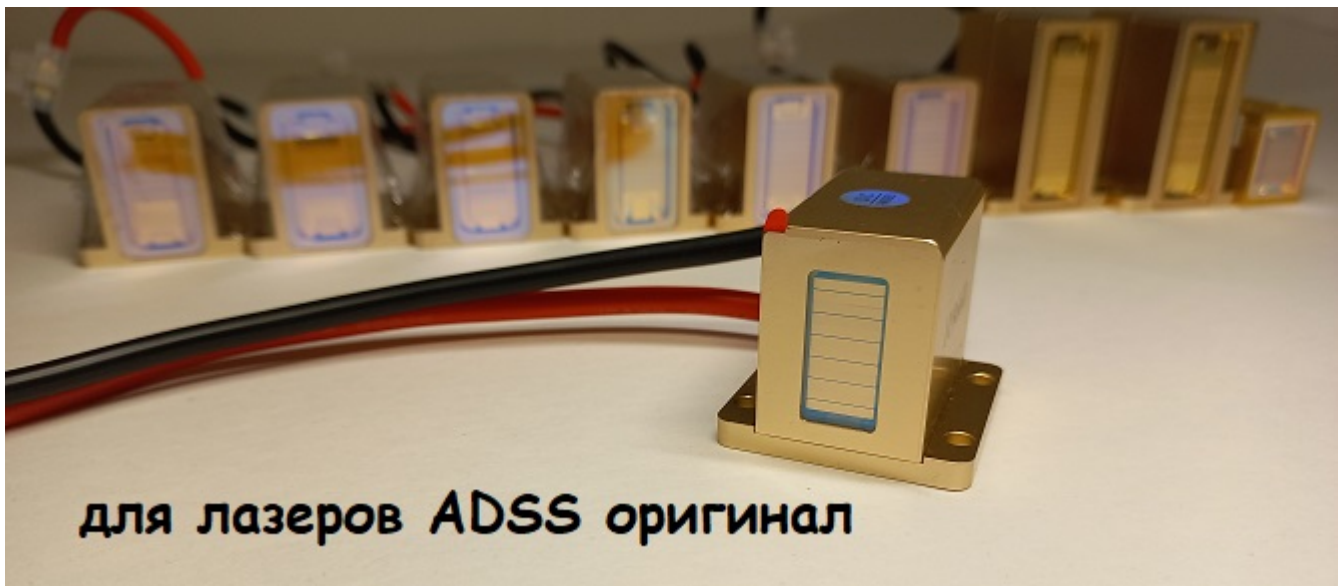
To order and consult on spare parts and components for diode lasers, pedicure devices, LPG devices, email [Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru) (mailto:Gnenik\_roman@mail.ru)

If you need advice , then go to whats app whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send?phone=%2B79180110234&text&type=phone_number&app_absent=0)) .

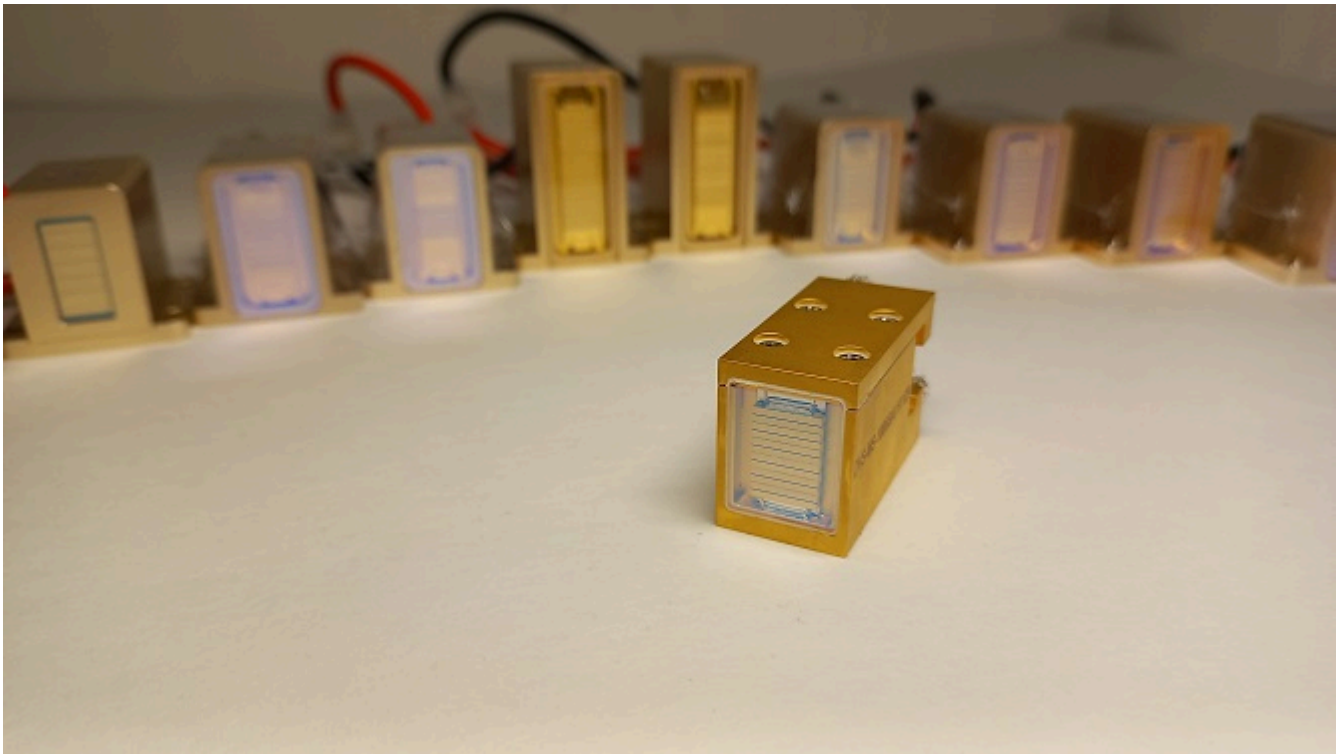


THE PHOTO BELOW SPECIFIC EXAMPLES OF 808NM DIODE STACKS OF DIFFERENT POWER.

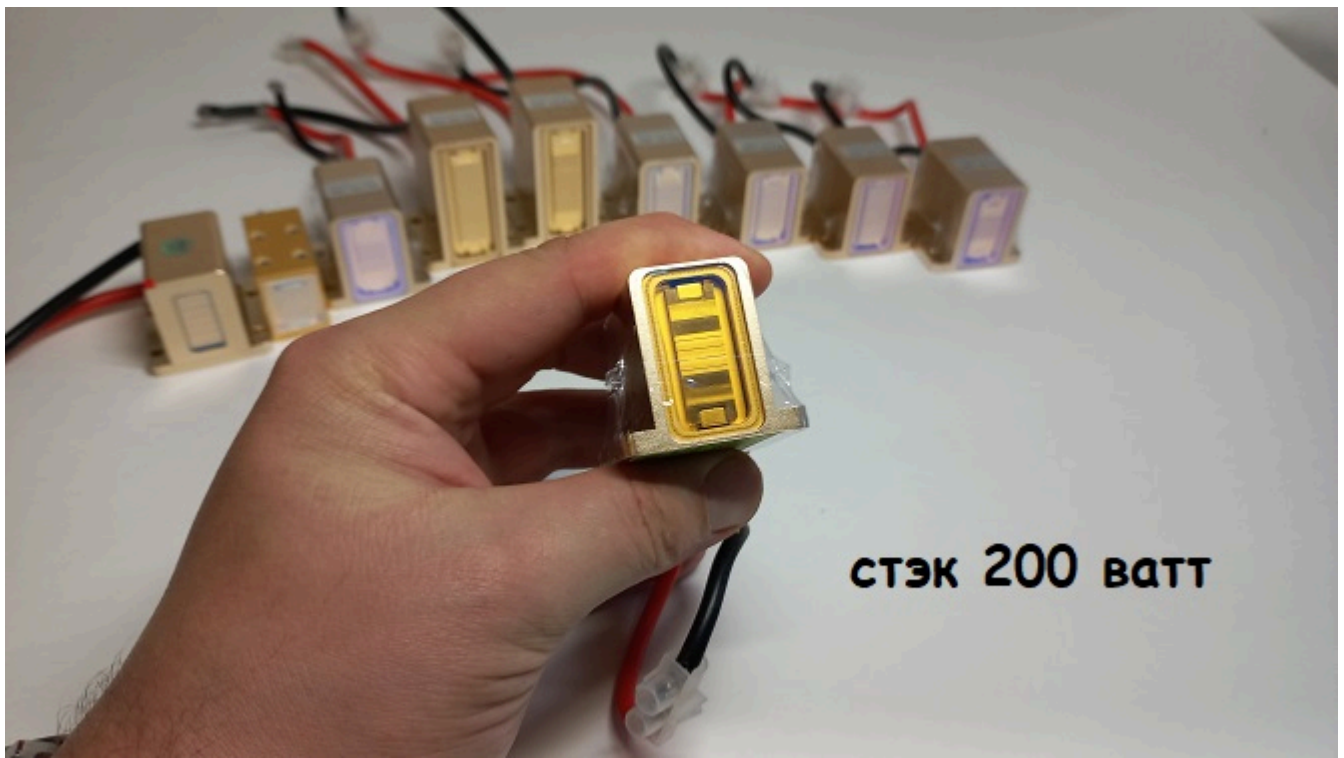
The photo below shows a macro channel stack of 600 watts 6 bar 808nm diode laser handles ADSS FG2000B FG2000D. This is one of the diode laser pen options. The ADSS manufacturer's lasers can have 500, 600, 1200, 1600 watts. This is what the original 600 watt diode stack looks like.



Macro channel diode matrix 600 watts (6 Bar). Spare diode stack (stick) of the laser pen zollaser, kiers 144. This is not the best laser stack design. Zollaser and Kearse 144 devices may have a macro-channel diode matrix of exactly this design. There are also micro channel emitters. Information is also available on the website.



In the photo below there is a macro channel diode laser stack (laser stack, diode matrix) with a power of 200 watts (4bar 50 watts each). This power of the laser stack is the minimum that I have come across.

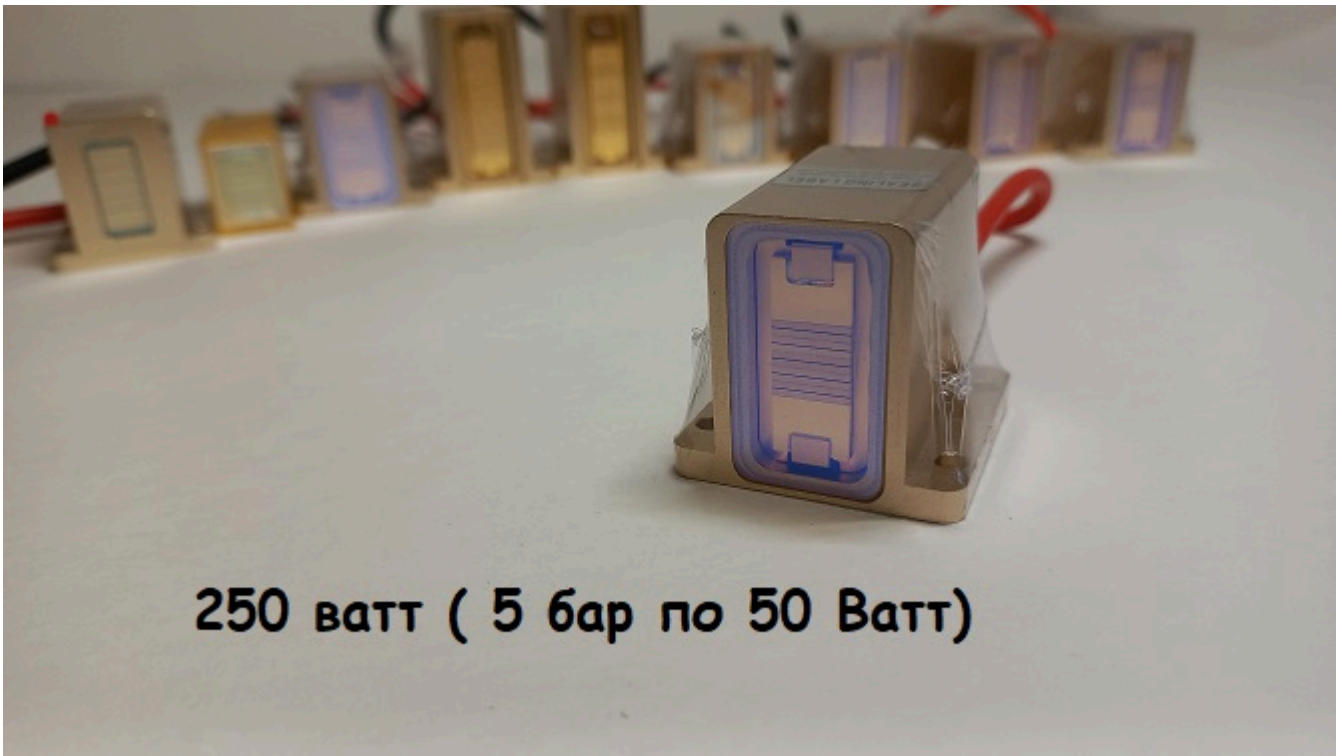


In the photo below there are 4 options for a 600 watt macro channel matrix (from left to right for Zollaser, ADSS, Stelle Laser and for a copy pen of Alma lasers (one of the options)).

**THEREFORE, BEFORE BUYING A DIODE MATRIX, IT IS BETTER TO CONSULT IN ADVANCE BY PHONE.**



The photo shows a macro channel stack of 250 watts. This power is comparable in quality to the simplest lasers. By the way, many device sellers can deceive buyers with the power of lasers.

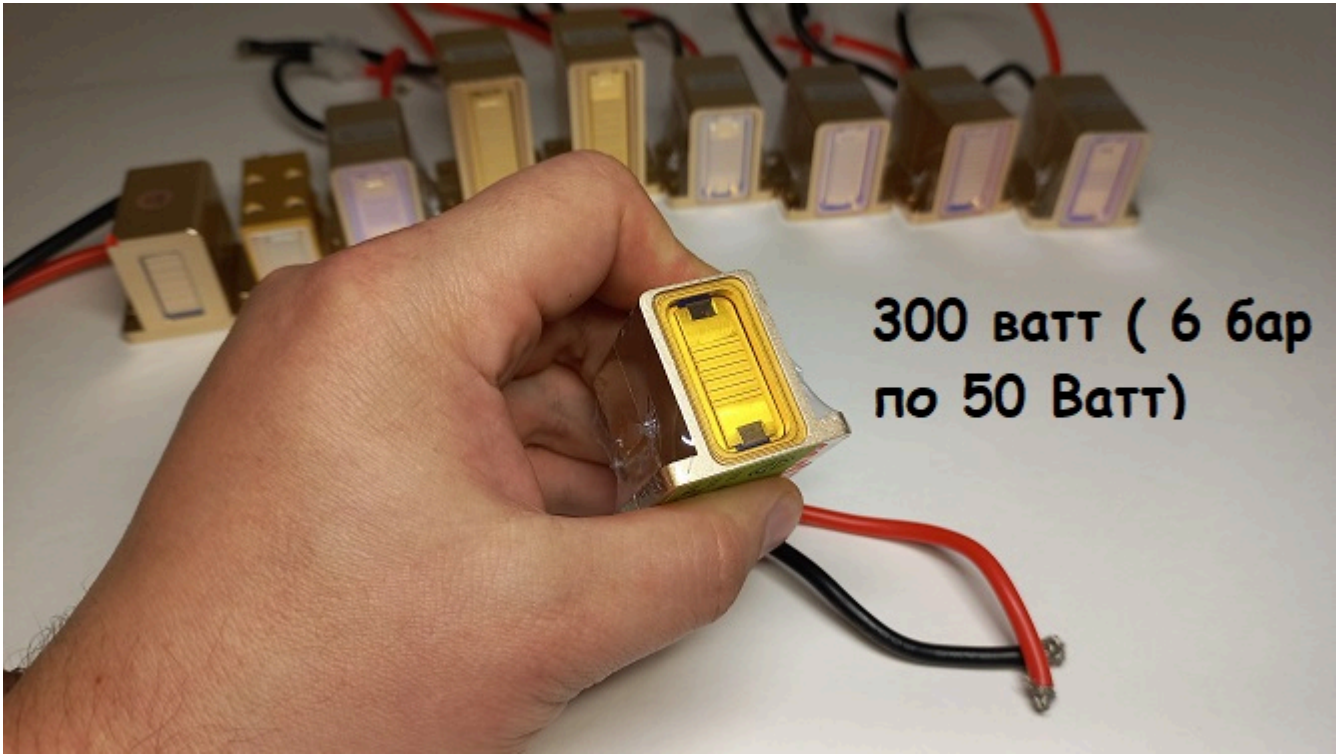


The photo below shows a macro channel diode stack with a power of 500 watts. There are collimator lenses in the middle of the diode stack. On the right in the photo is the diode assembly of the handle of a copy of ALMA .

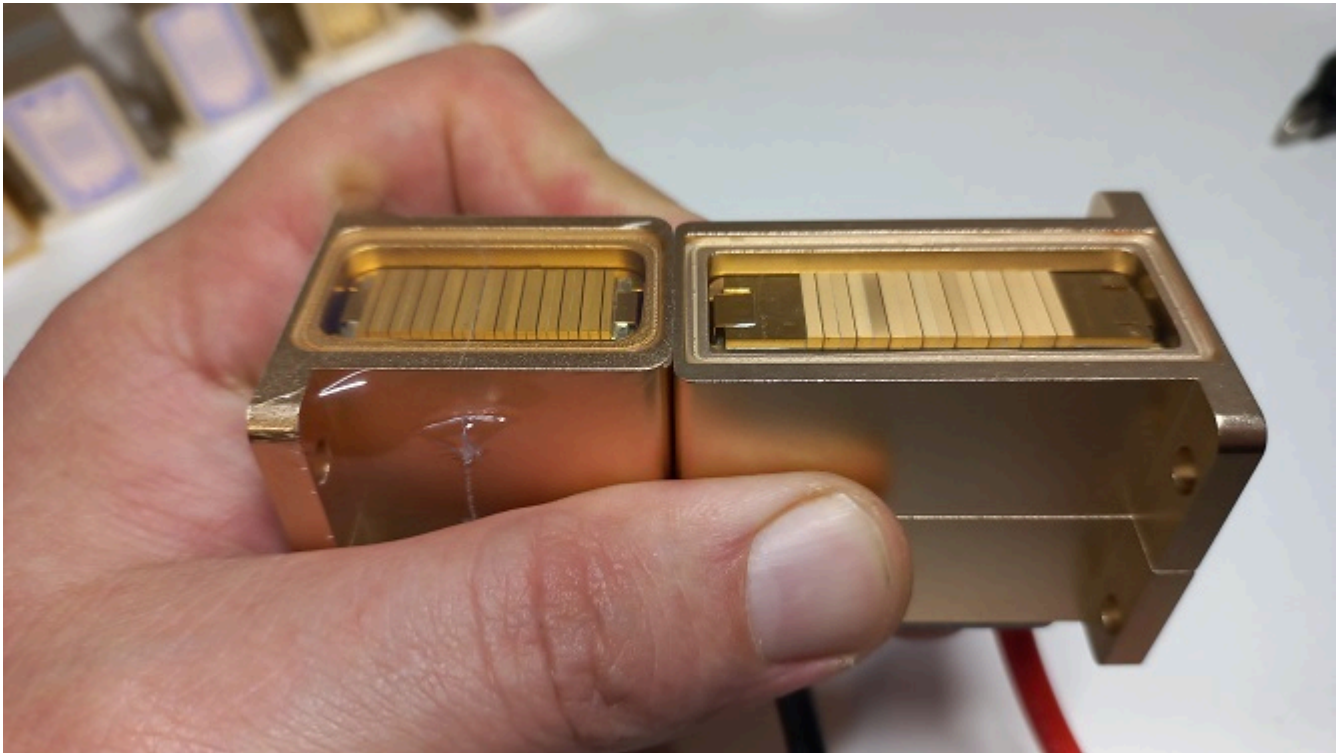




The photo below shows a 300 watt 6 bar laser module. Such a stack is located, for example, in ozero khanka.



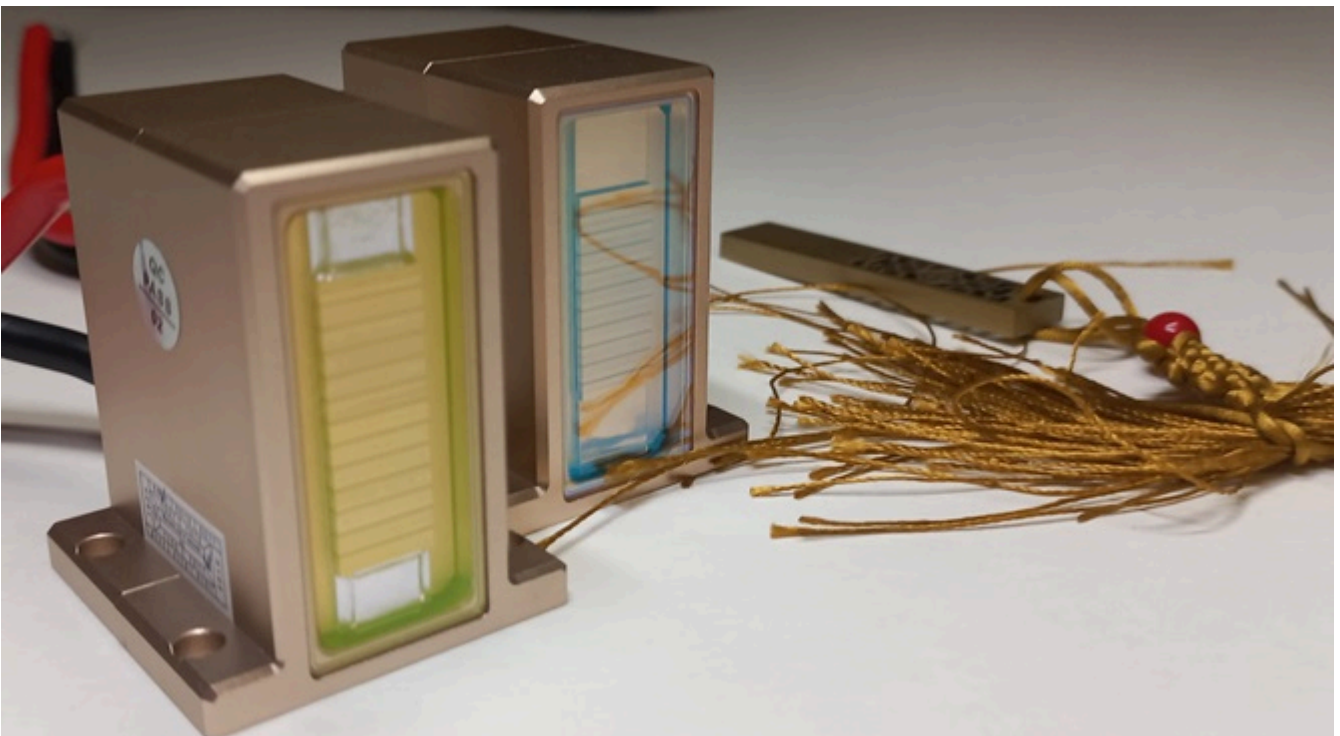
Another example of the visual difference between 50 and 100 watts per 1 bar. On the right in the photo below, 1 bar has a power of 100 watts.



The photo below shows 2 laser stacks with a power of 800 watts. On the left is 800 watts 8 bars of 100 watts and on the right is 800 watts 16 bars of 50 watts. These diode stacks are not interchangeable since the difference is in the supply voltage parameters.



The photo below shows a 500 watt 10 bar and 600 watt 12 bar diode stack for Alma copy diode laser pens. This stack is 49 mm high, versus the standard 37 mm high.



The photographs show the diode matrix of a diode laser handle with a power of 1200 watts 12 bar (1 bar = 100 watts). The photo shows one of the options. can be used for example in key laser k18.



## ЛАЗЕРНЫЙ СТЕК 1200 ВАТТ 12 БАР

If you need advice on repairing a diode laser for hair removal, advice on new devices, spare parts , then go to whatsapp ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)) .

ON THE SITE [ROMSHI.COM.RU](http://ROMSHI.COM.RU) YOU WILL FIND:

- ARTICLES ABOUT LASER REPAIR - [HERE \(/remont-lazerov.html\)](#) .
- CATALOG OF SPARE PARTS - [HERE \(/katalog-zapasnykh-chastej-kosmetologicheskogo-oborudovaniya.html\)](#) - (FASTEST IN VOTS APP)
- SALE OF LASERS FROM THE FACTORY, PROVEN MANUFACTURERS.

YOUTUBE CHANNEL - [here \(https://www.youtube.com/@romshiservice/shorts\)](https://www.youtube.com/@romshiservice/shorts) .



## Диодный стек 1200 ватт 12 бар

This section of the site is devoted to diode matrices that are found in the handles of hair removal lasers. **We have various spare parts for hair removal lasers in stock and on order.** Diode stacks have different powers and designs. **If you need advice** , then go to whatsapp , ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)) or you can first find out the power of the laser handpiece emitter.

In the article you can understand how to determine the power of a laser diode stack. See the visual differences between laser stacks of different powers. Examples will be given at the end.

**WHEN ORDERING A DIODE STACK YOU WILL RECEIVE: FREE REPLACEMENT, CONSULTATION ON REMOTE STACK INSTALLATION, ELECTRONICS CHECKING, TIPS FOR EXTENDING THE LIFETIME OF THE HANDLE EMITTER.**

Various diode stacks available.



**ЛАЗЕРНЫЙ СТЕК  
1200 ВАТТ 12 БАР**



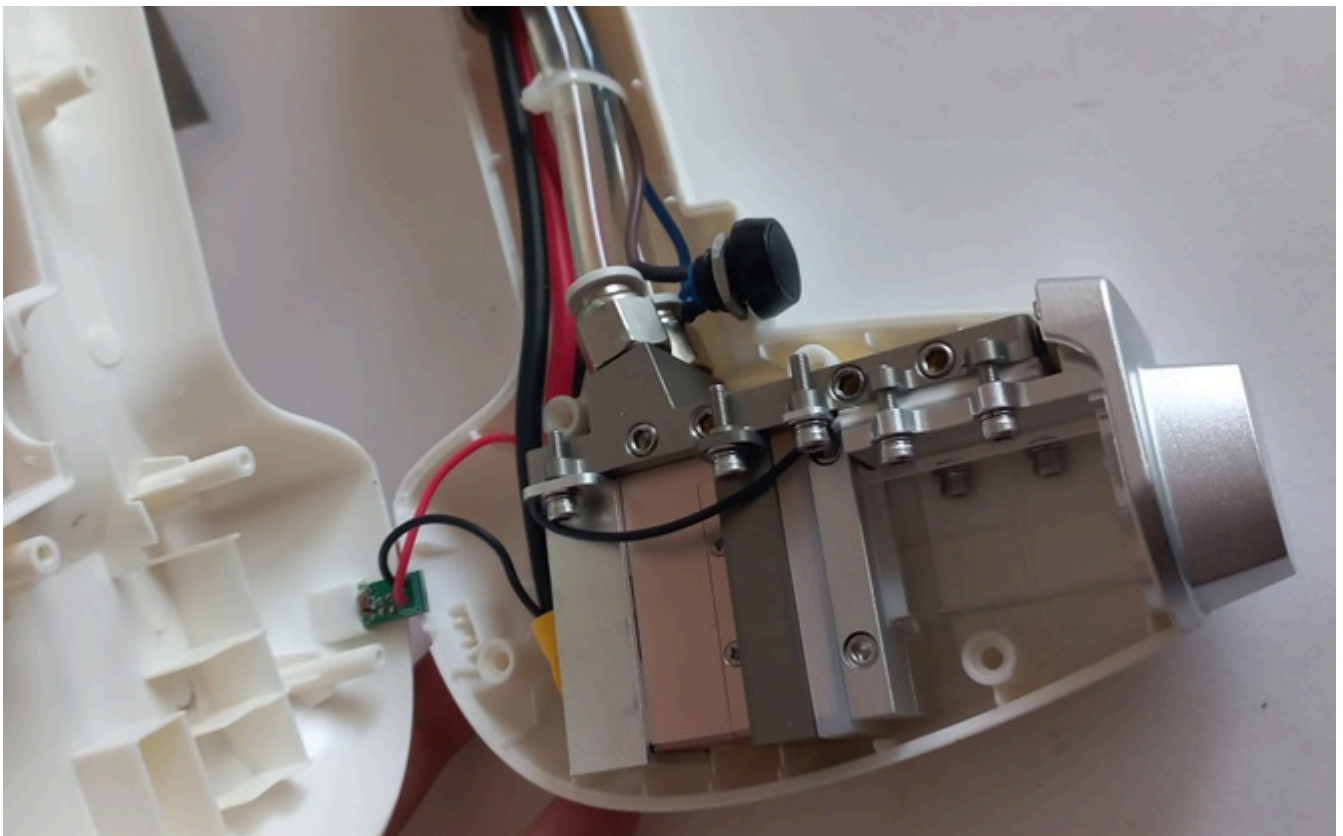
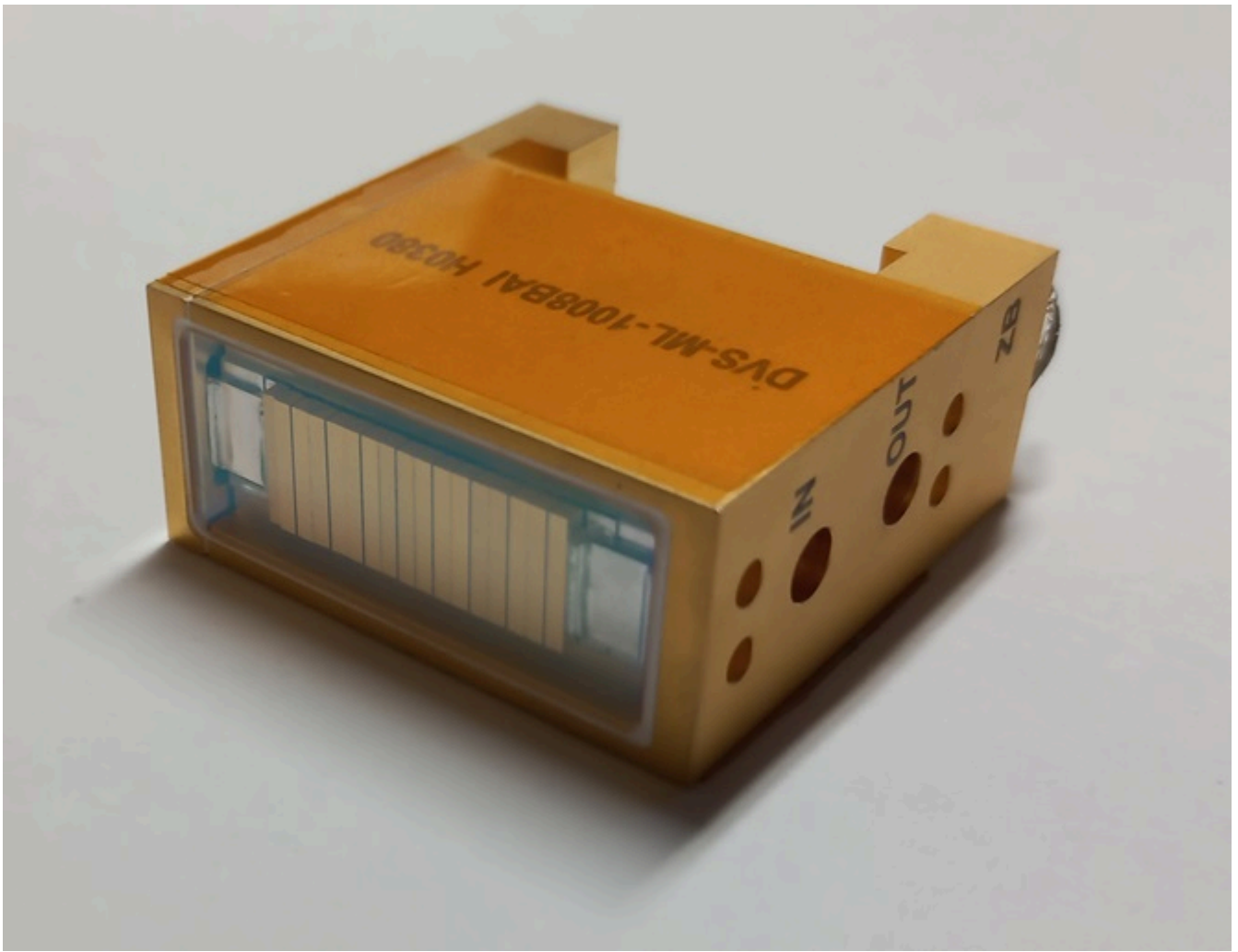
**ЛАЗЕРНЫЙ СТЕК 1200 ВАТТ 12 БАР**

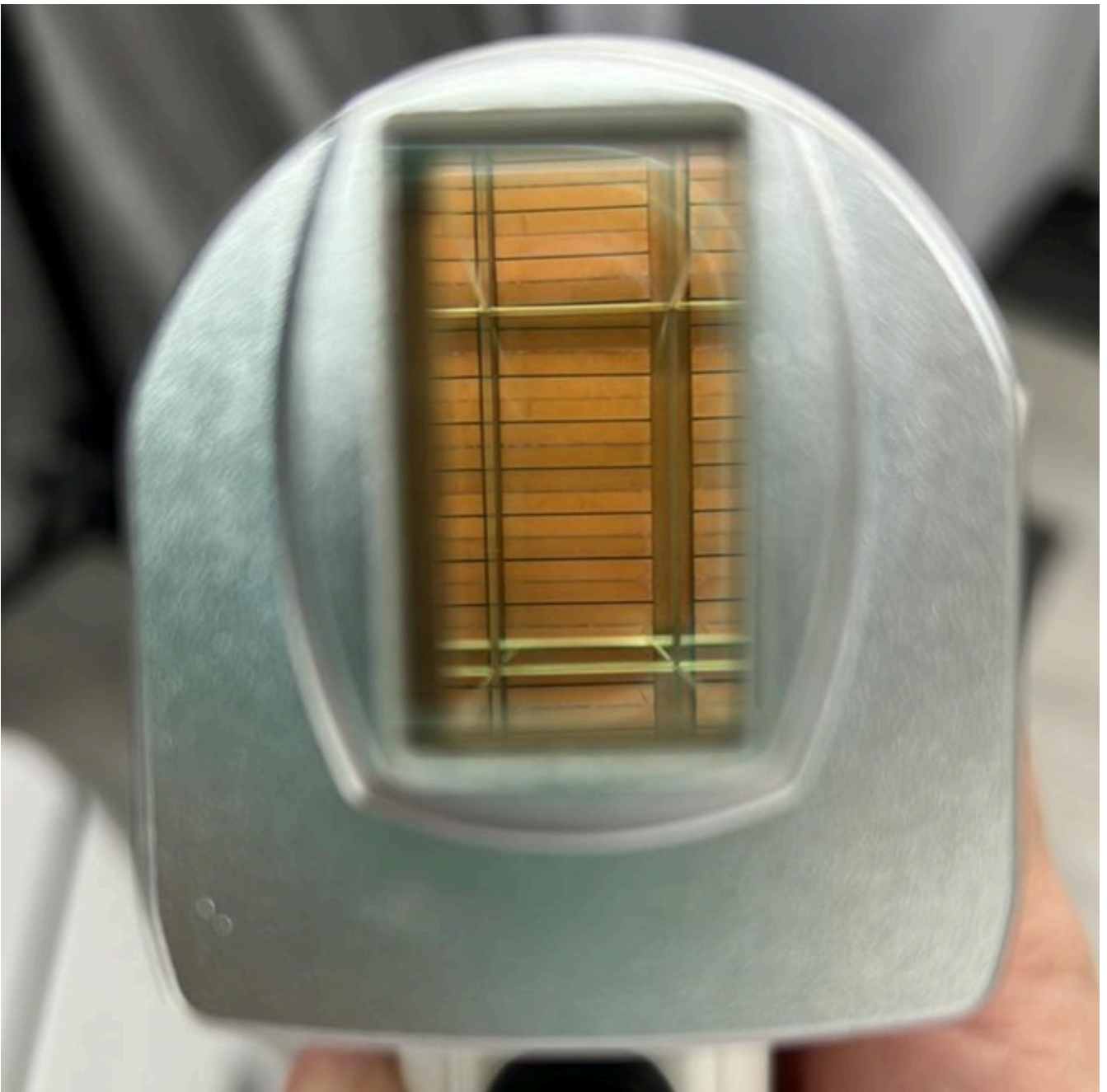


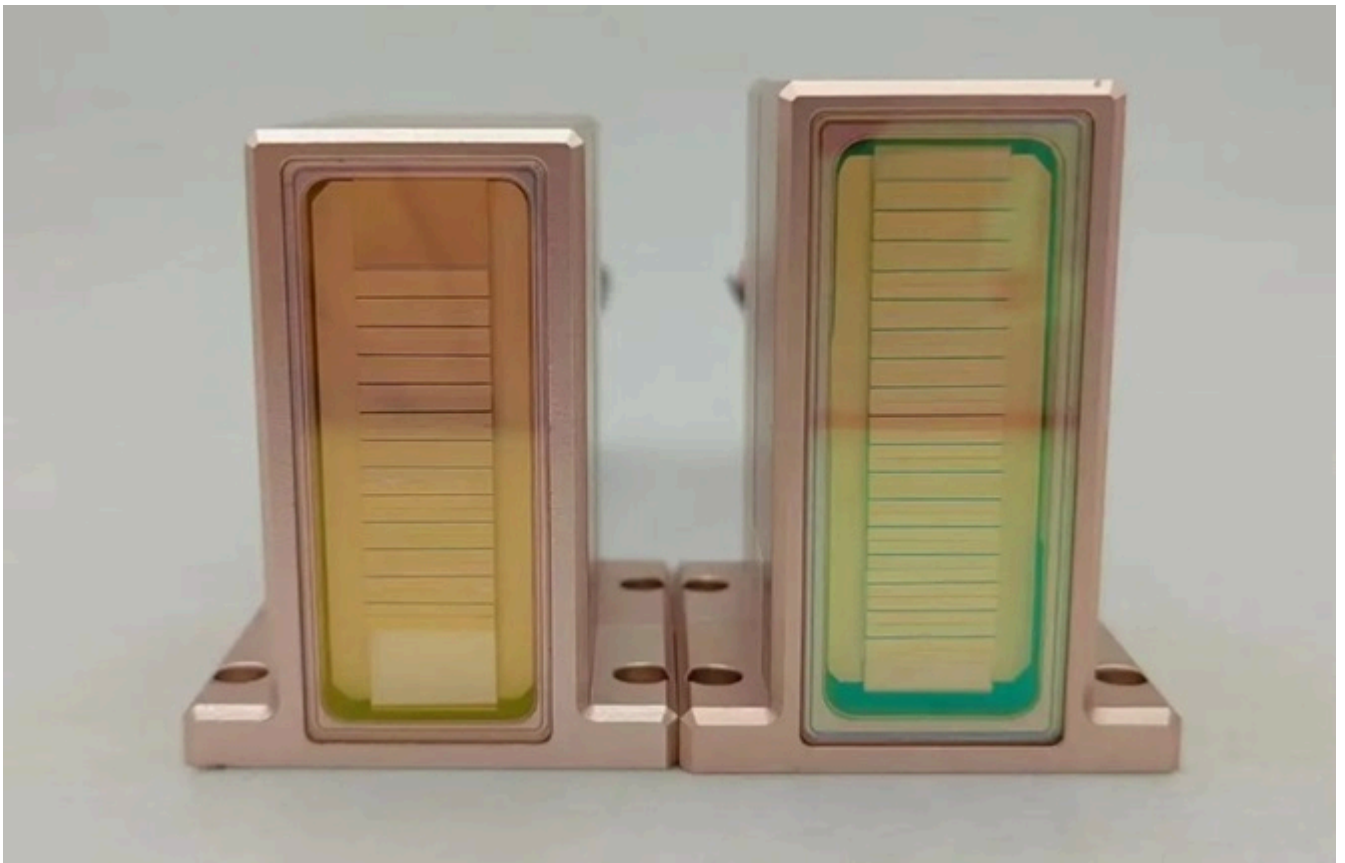
## ЛАЗЕРНЫЙ СТЕК 1200 ВАТТ 12 БАР



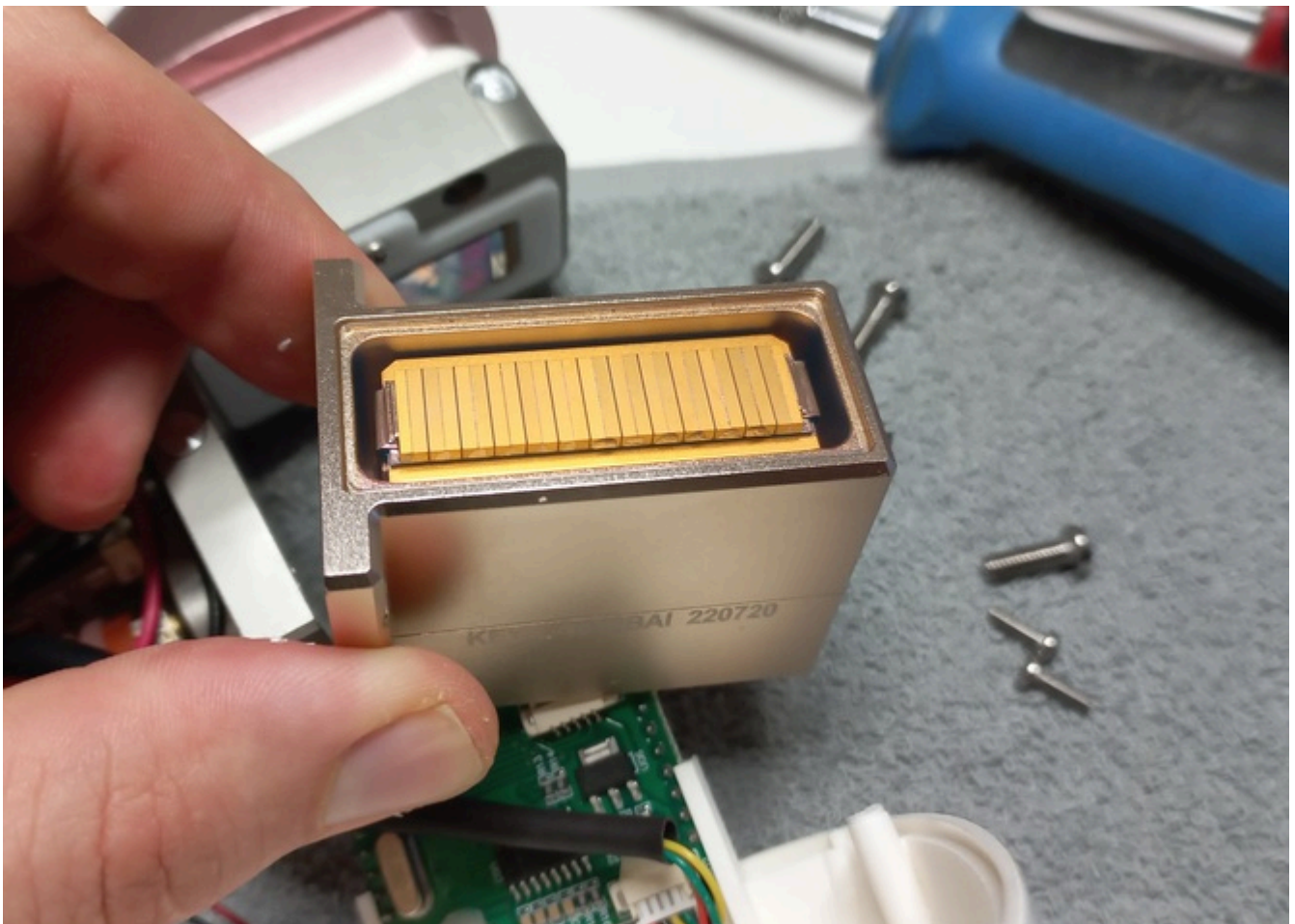
Diode stacks of the dvs-ms, dvs-ml, lst-ms, lst-ms series. Repair of handles zollaser, kiers144, honkon. DVS-MS-1003BAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, LST-MS-1003BAI, LST-MS-1005BAI, LST-ML-1012BAI, LST-ML-1008BAI.





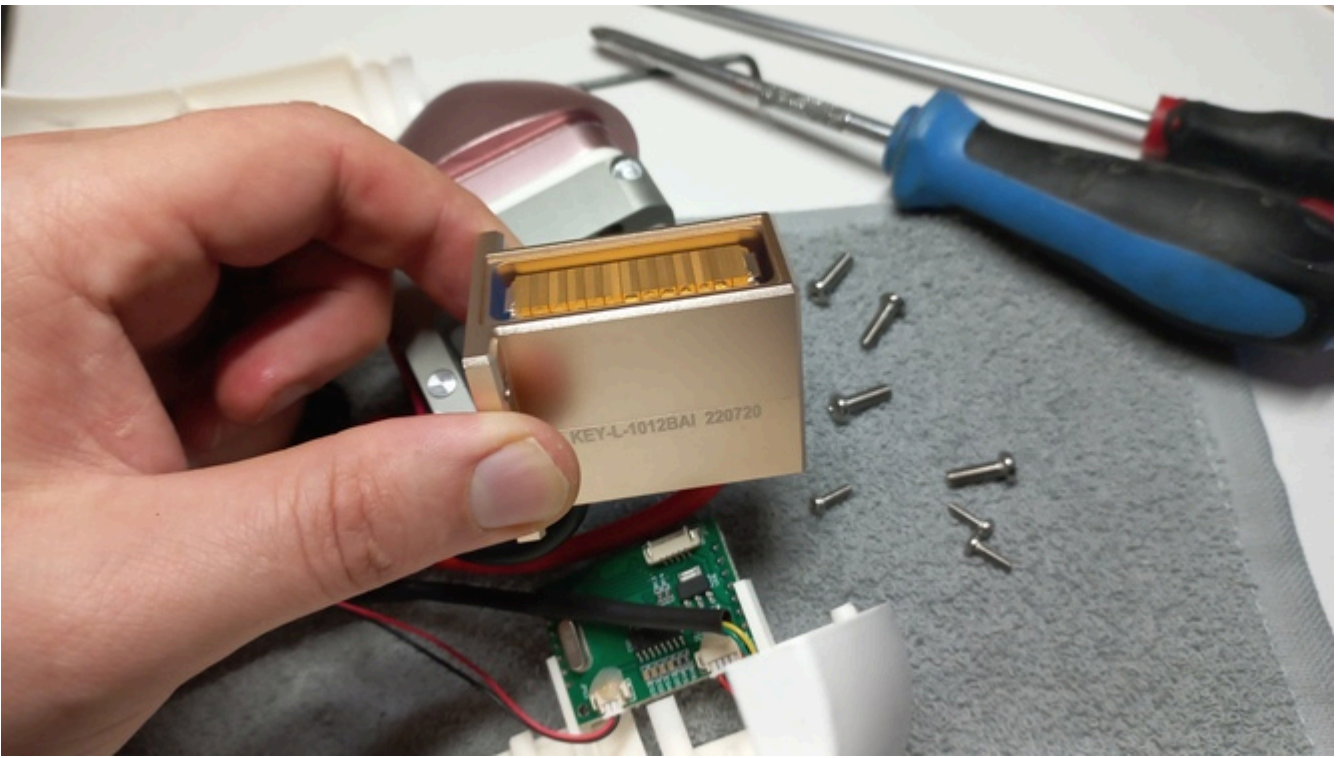


Diode laser for hair removal Keylaser K18,21,22



Diode laser for hair removal Keylaser K18

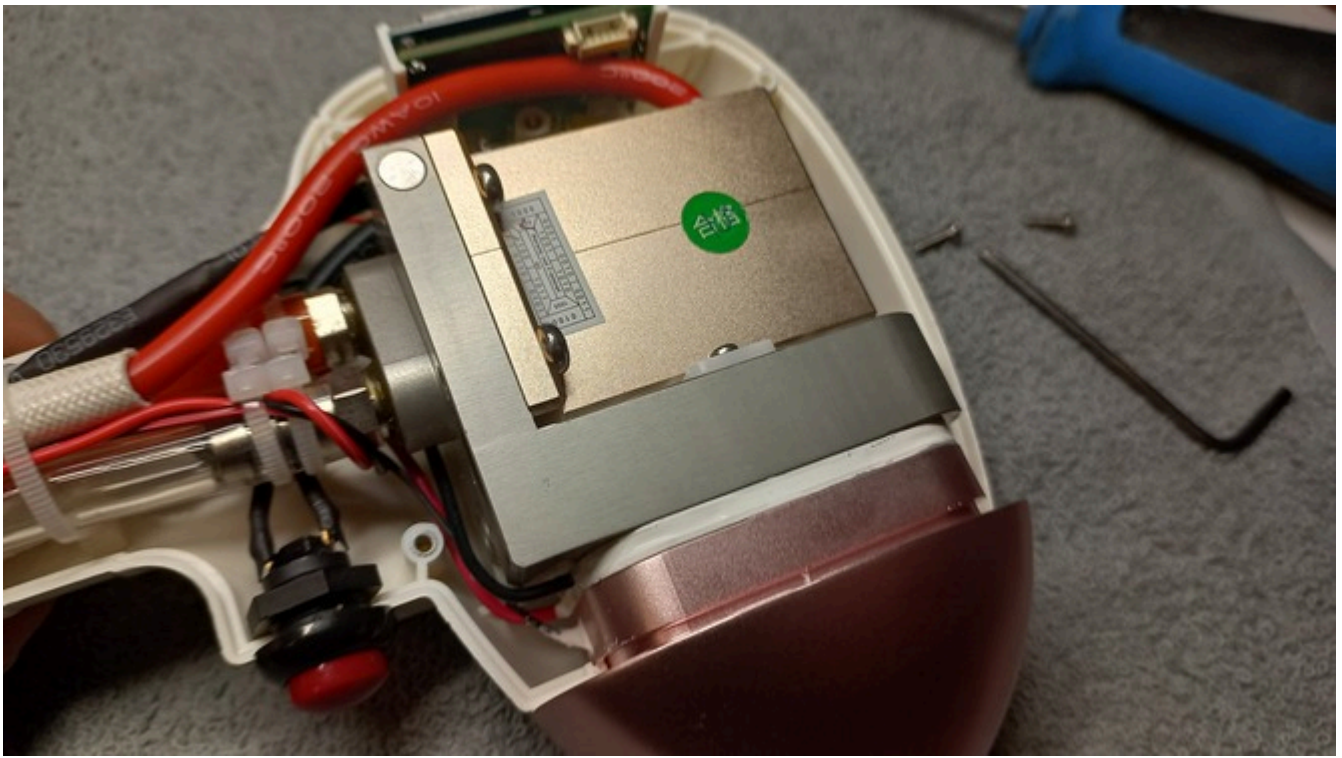


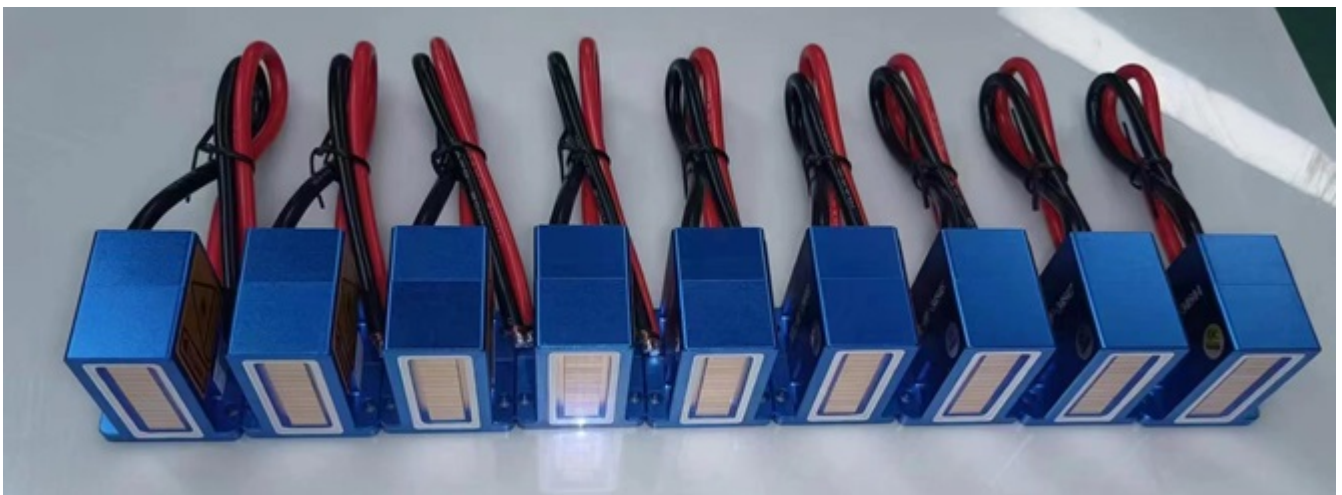
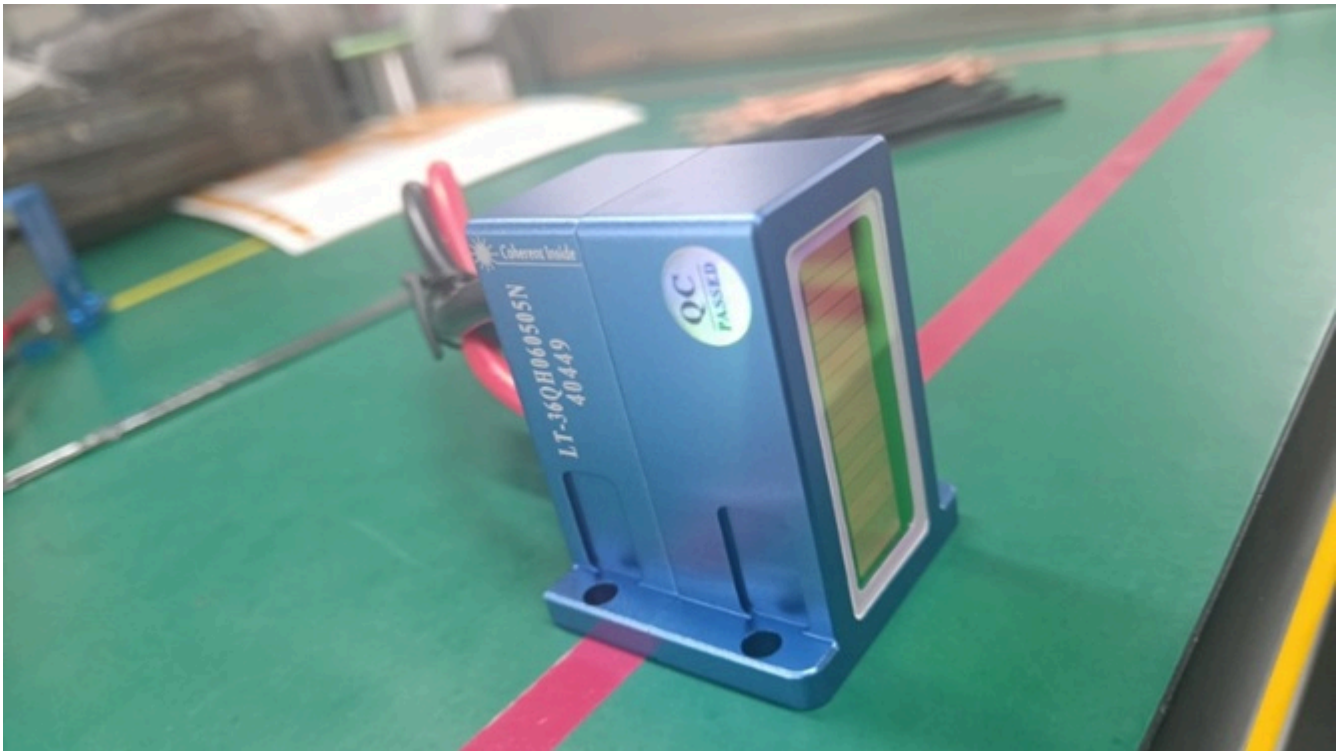
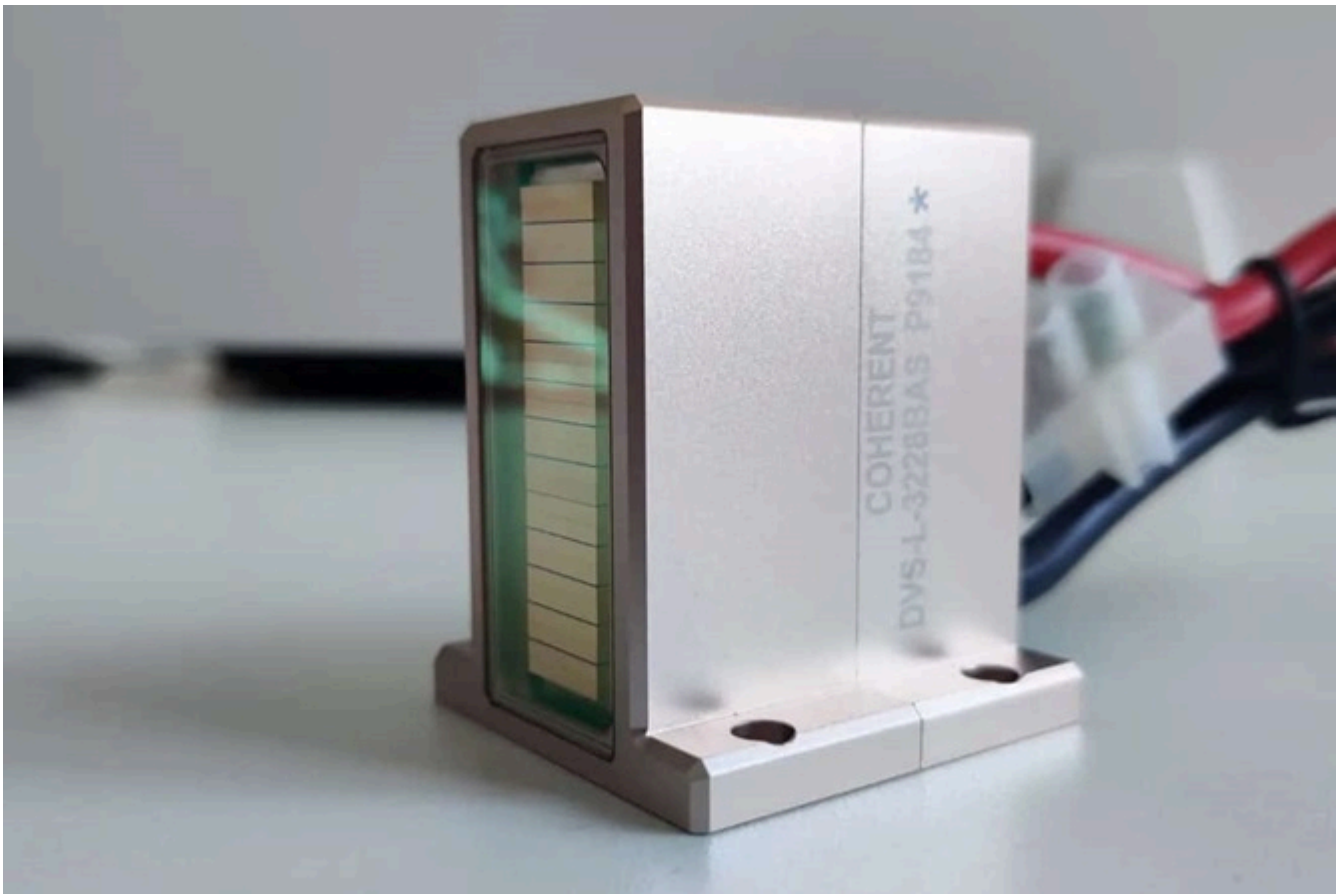


Diode laser for hair removal Keylaser K808



Laser hair removal device Keylaser K18



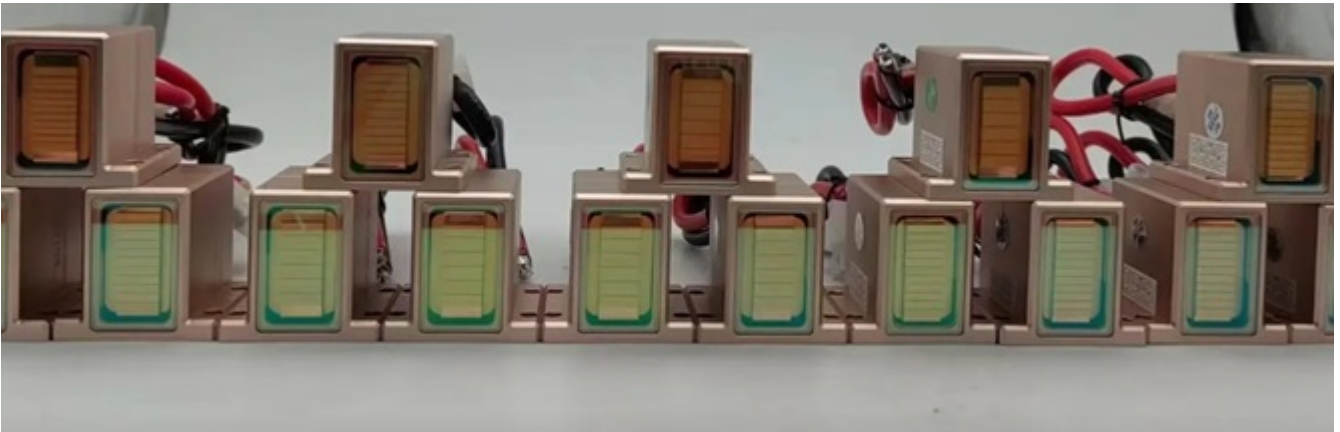
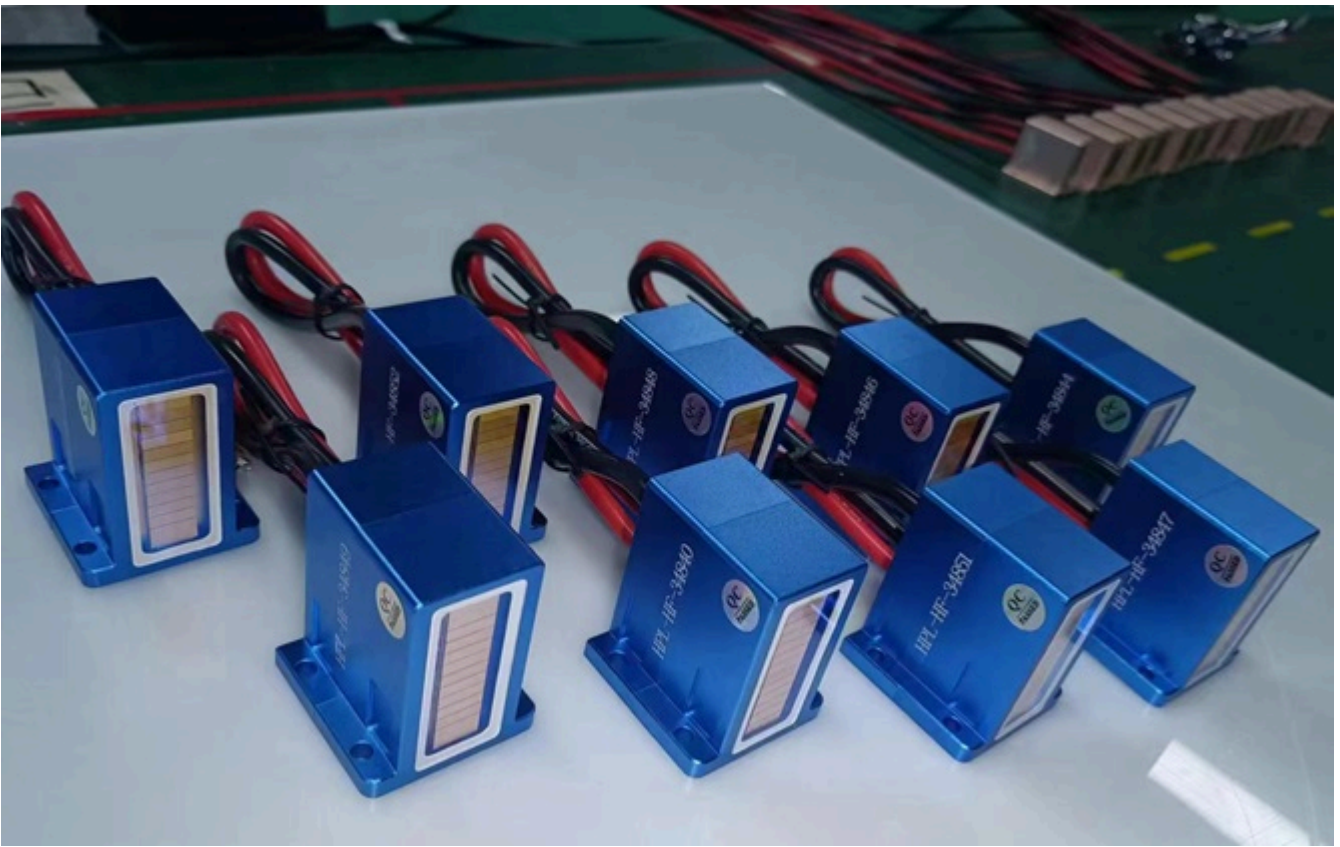




Diode array 1200 watt 12 bar 808nm, 1000 watt 10 bar 808nm, 800 watt 8 bar 808nm.

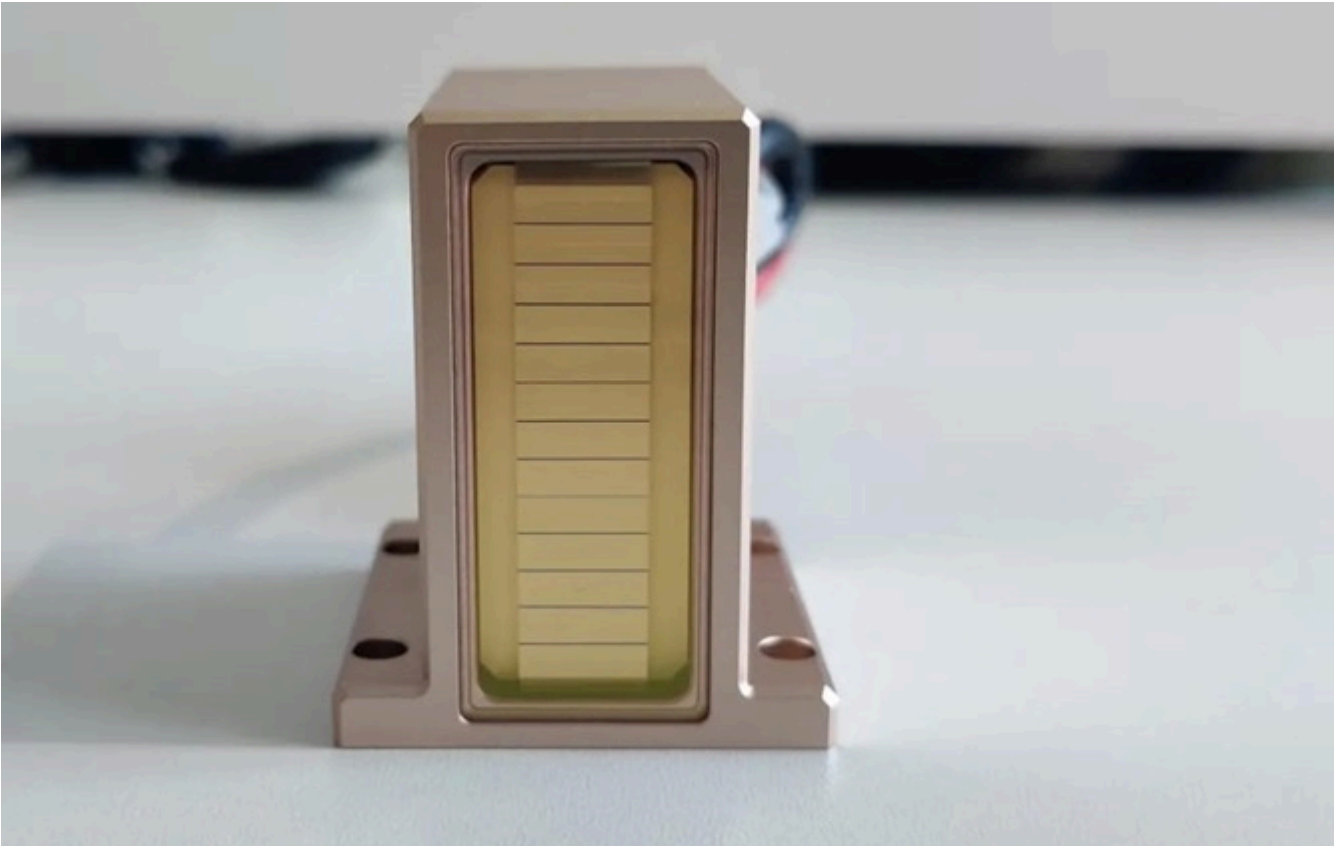






Diode assembly, 808nm laser emitter, diode stack with power of 200, 250, 300, 350, 400, 500, 600, 800, 1000, 1200, 1600 watts. In stock and on order, various diode stacks of handles, diode laser maniples for hair removal.







In the photo below there are macro channel diode matrices with power from 200 to 1600 Watts. In this structure, strips (bars) are soldered in series to a diode matrix on one base.

In Chinese diode lasers, 1 bar in a macro channel matrix can be 50 or 100 watts. The number of bars in a diode stack determines its power. 50 watts means that up to 50 Amperes pass through 1 bar.









Emitters for diode laser handpiece Stacks Power 300W, 500W, 600W, 800W, 1000W, 1200W 808nm, 755nm, 1064nm Macrochannel and Microchannel 300W, 500W, 600W, 800W, 1000W, 1 200W New. In stock: ADSS FG2000D+ Stack, FG2000B Stack, FG4 AMUR X Stack KIERS KES 144 Stack ZOLLASER Stack ULTRALASER Stack WINGDERM Stack PREMIUM ONE Stack PZ LASER Stack MEDICALASER Stack HONKON Stack D-Las 55 Stack, D-Las 120 Stack, D Stack -LAS 60, Ozero Khanka Stack, Pioneer Stack LaserLab Stack MagicOne Stack MBT Stack HONOR ICE Stack SOPRANO Stack IN MOTION Stack SL-600 Stack VOB DL300 Stack, VOB DL600 Stack PACER Stack PACER PLATINUM Stack

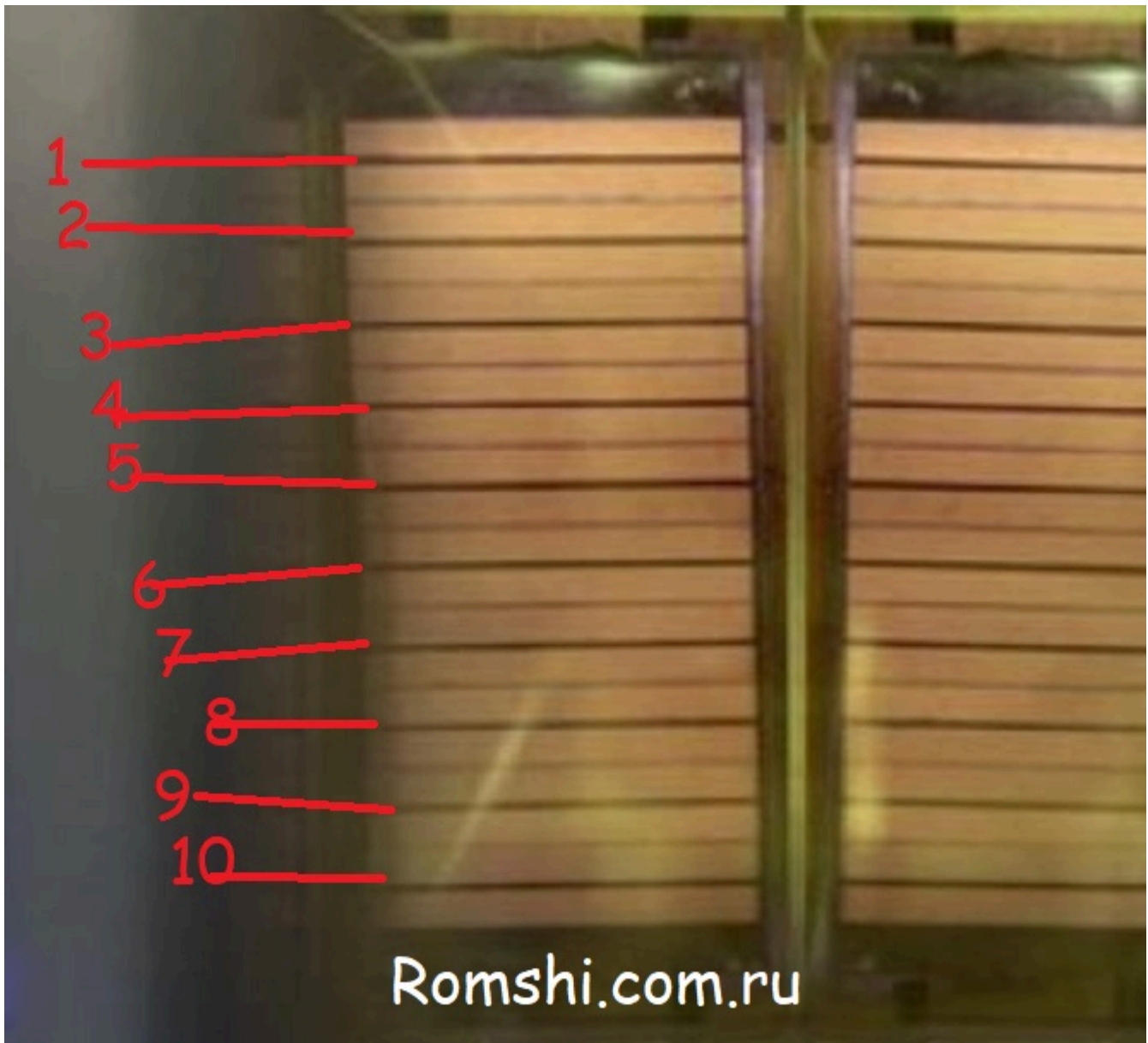


Sale of spare parts and repair of diode lasers of any models. Handles for diode lasers Diode assembly Diode stack Diode emitter Diode matrix Diode bars Diode assemblies are suitable for almost all lasers for hair removal with a wavelength of 808 nm, hybrid 808/755/1064 nm Laser emitter (stack) for diode epilators, suitable for most devices.

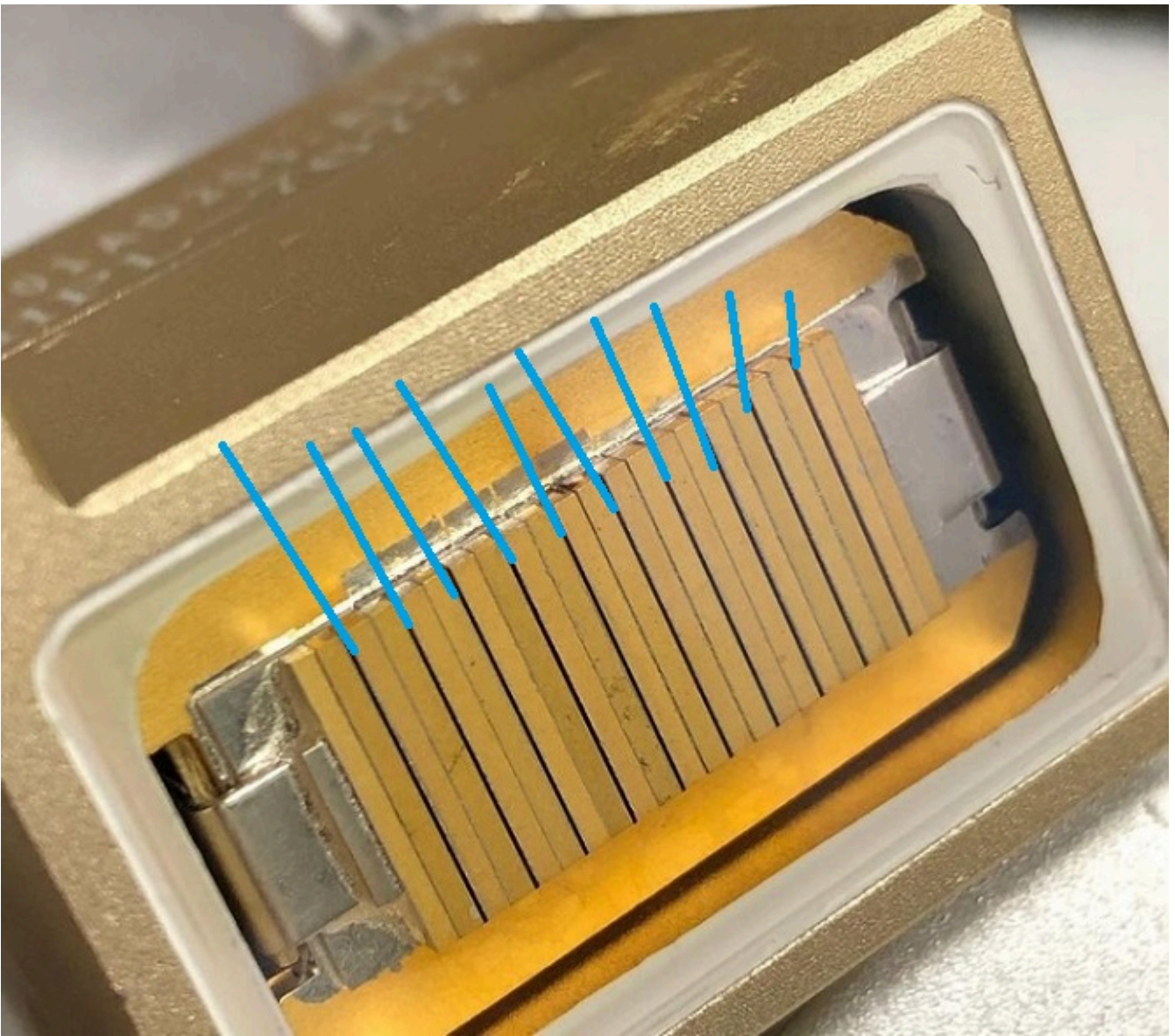


The photo below shows a 500 watt diode macro channel matrix (10 bar 50 watt).

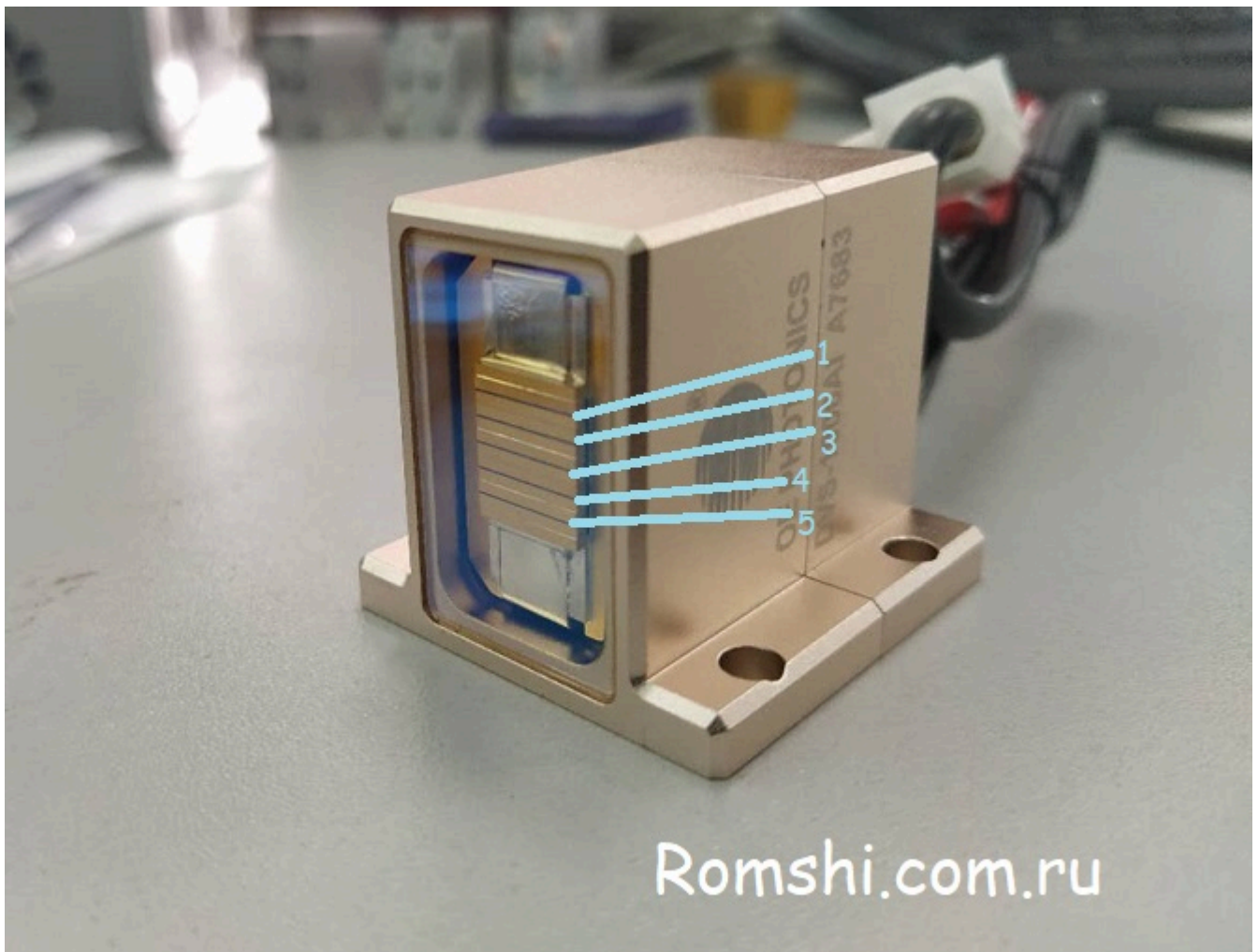
Please pay attention to the distance between the stripes. In this case, 1 bar is 50 watts.



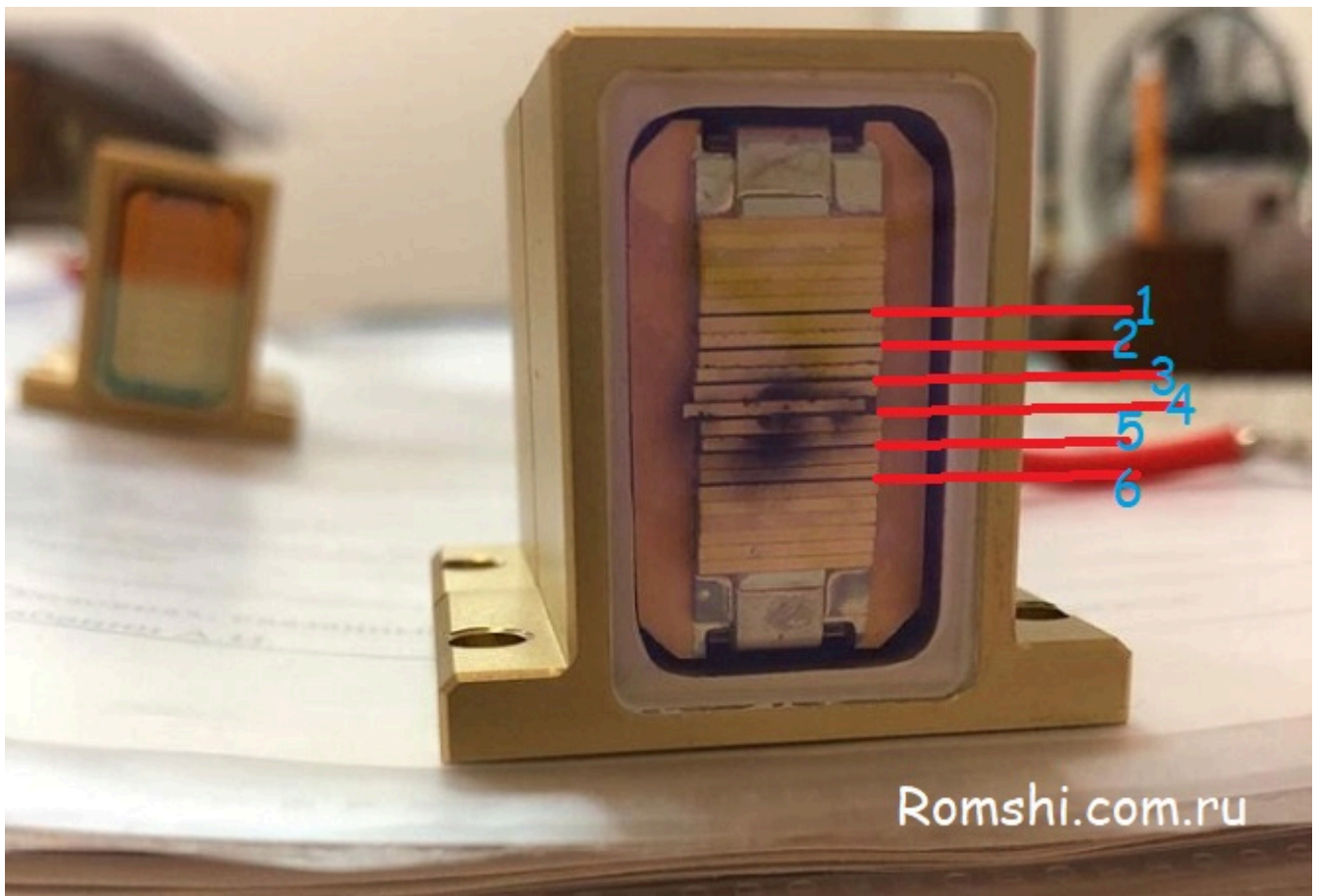
The photo below also shows the appearance of a 500-watt diode stack (10 bar 50 watt). This is exactly the distance between the bars in laser stacks with 1 bar delivering 50 watts.



The photo below also shows the appearance of a 250 watt diode stack (5bar 50 watt). This is exactly the distance between the bars in laser stacks with 1 bar delivering 50 watts. The photos show the water connection from below.



Below is an interesting case in the photo. Stack data from mbt pacer one. I marked with arrows where the working bars were. That is, you can see decoy bars at the top and bottom of the stack. The manufacturer intentionally broke them into parts instead of 1 plate at the top and bottom of the bar. That is, an inexperienced master may think that the stack is 500 watts, but it is only 300 watts (6 bars of 50 watts). That is, if they sent you a photo of a diode matrix through the window of the handpiece and you counted 6 stripes, then this is  $6 * 50 = 300$  watts (we take into account exactly the distance between the stripes in the photo). But you can always consult and order the necessary parts from me.



The photo below shows a macro channel laser stack with a power of 800 watts. It has as much as 16 bar. And once again pay attention to the distance between the bars. In this case it is 16 bar at 50 watts. Total 800 watts. I note that there are also outwardly similar types of stacks, where 1600 watts. But for complete clarification, you need to disassemble the handle and look at the body of the laser stack.



Below is an interesting option from the ADSS laser manufacturer. There are 1200 watts (24 bar). That is, there are also 50-watt bars, but there are already 2 vertical plates with bars.



More examples of laser bars hair removal laser pens

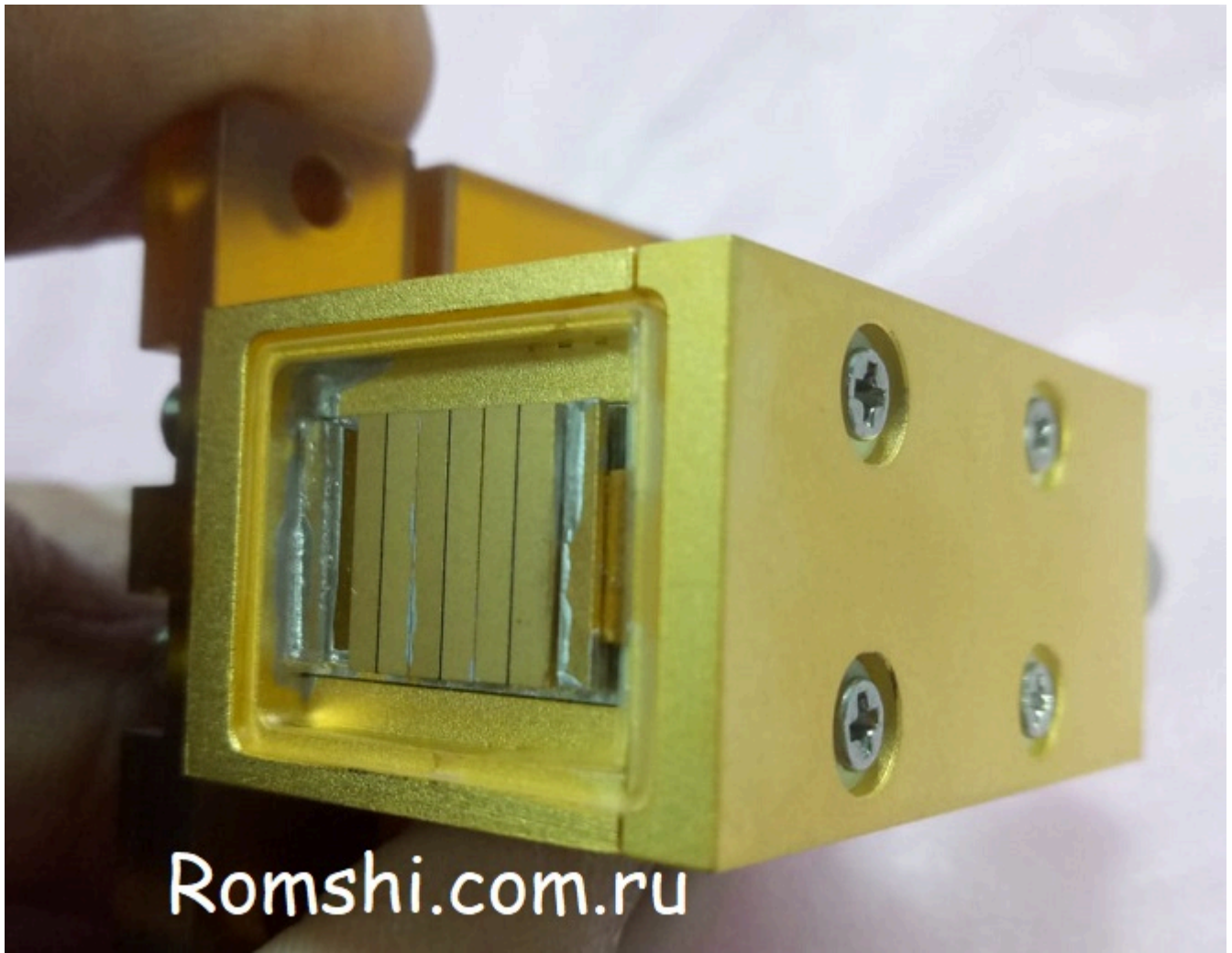


The photo above shows a diode stack from a Honkon laser. 800 watts. We see 8 stripes, which are located at a distance of 3.4 mm. In this case, 1 bar is 100 watts.



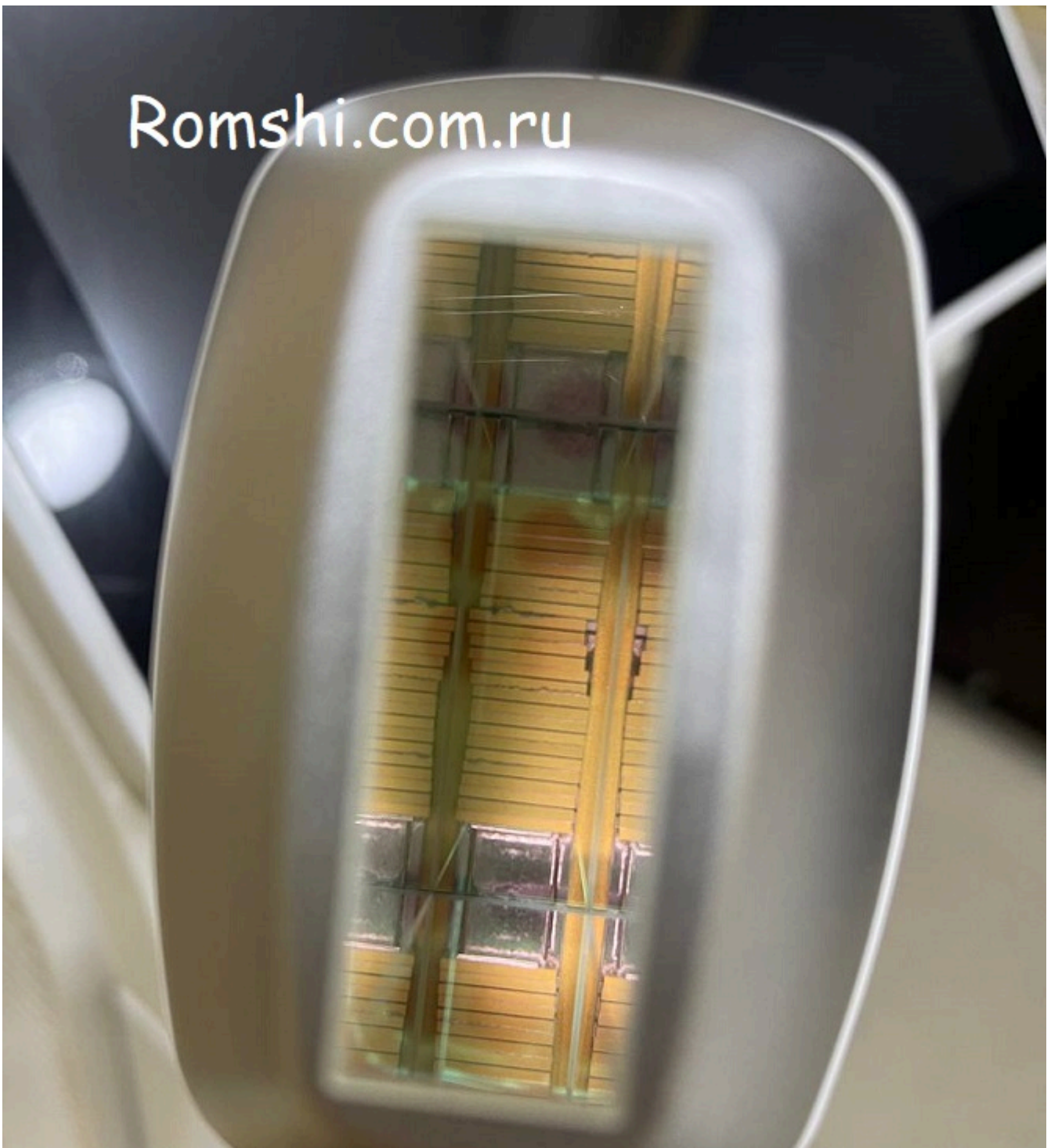


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YOU can contact us to order diode stacks, 808nm diode arrays, assembly, laser bar dvs-1004ai, dvs-1005ai, dvs-1006ai, dvs-1007ai, dvs-1008ai, GTHM-300, GTHM-500, GTHM-600, DVS- 1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD- 500W, (DVS-500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, Ozero Khanka, Pioneer LaserLab MagicOne DVS-ML-1008BAI, 500W, 10bars, DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, HR10500, DVS-1010AI HT1050, 0, LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST- L-1016BAI, MLJK, HPL-2112, HPL-5868, DVS-1010AI, LST-1010AI, HPL-2122, 81HD-500, DVS-1012AI, STE-L1008, MLKJ-71801202, HPL-7170, dg-hh03- 300-808,DG-HH05-500-808,dg-hh05-500-808,DG-HH06-600-808,dg-hh06-600-808,DG-HH08-800-808,dg-hh08-800- 808,DG-HH10-1000-808,dg-hh10-1000-808,DG-HH12-1200-808,dg-hh12-1200-808,DG-HL10-500-808,dg-hl10-500-808, DG-HL12-1200-808,dg-hl12-1200-808,DG-HL12-1200-808-S,dg-hl12-1200-808-s,DG-HL15-1500-808,dg-hl15-1500-808,dg-hl20-1000-808,DG-HL06-600-808-WG,DG-HL10-500-808-WG,dg-hl10-500-808-wg,DG-HL12-1200-808-WG, dg-hl12-1200-808-wg,DG-HL15-1500-808-WG,dg-hl15-1500-808-wg,DG-HL20-2000-808-WG ADSS19V19776, ADSS16V02985, DVS-MS-1006BAI, COE -21V25375, PZ LASER, DVS-500, DVS-ML-1008, DVS-ML-10012BAI, HPL-0274, MLKJ-718022, HR11600DG1581, ADSS-B, MLKJ-L-1016BAI, MLKJ-L-1012BAI, MLKJ- L-1010BAI, DVS-L-1016BAI, DVS-L-1012BAI, DVS-L-1010BAI, DVS-L-1008BAI, DVS-L-1016AI, DVS-L-3233BAS, GTHM-500,

GTHM-600, GTHM- 400, HPL-6474, 19Y-HW-1714, HD-8A36-360WB-T0560 L-3334BAS, SILVANO LASERTECH  
MLG LASER MEDICALASER MAGICOSMO KEYLASER SHR BL1 L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012AI,  
L ST- L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS-1005AI



The photo below shows a diode assembly of 800 watts 16 bar. In this stack, 1 bar gives 50 watts of power.



Below are 1000 and 1200 watt diode stacks. 1 bar in this case is 100 watts.



The photo below shows an example of an ozero khanka ok 01 laser handle. This diode stack handle contains a 300 watt 6 bar laser emitter.

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On the left is 1 bar 100 watts, on the right is 1 bar - 50 watts.



I would like to immediately note that you should not chase high power. Typically, the greater the power of the stack inside, the larger the window on the handle, which increases the speed of procedures. In the Honkon laser, for example, the window is too large for 1200 kk models. There is an 800 watt stack and a 12 bar stack, which if there were real 1200 watts, the stacks would easily burn out. Water cooling plays an important role in the device. I will write about the options below, but if there is proper cooling, then it works more or less up to 1000. For units from 1200 watts there must be a freon compressor.

**In the photo below are spare parts for a diode laser pen :** laser bar 600 watt 6 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt adss amur-x. This stack is suitable for the adss fg2000b, fg2000d laser.

**link to** youtube (<https://www.youtube.com/shorts/tyOmfzxwSQo>) .





In the photo below are spare parts for a diode laser pen : laser bar 500 watt 10 bar, laser emitter, diode stack 500 watt from manufacturers LST, DVS, HT, COE, HR. Macro channel diode matrix 500 W 10 bar is installed in the device ozero khanka pioner, stelle laserDPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD- 5, LD-2, ALD-2), adss fg2000b.

link to youtube (<https://www.youtube.com/shorts/phjvTEC-azA>) .



In the photo below is a macro channel diode matrix, diode assembly for the Zollaser device, zollaser, kiers 144 (kiers 144) with a power of 600 watts 6 bar. .

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a macro channel diode matrix, diode assembly for the Honkon device with a power of 800 watts 8 bar. So there is also 12 bar 1200 watts.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



**In the photo below, spare parts for a diode laser pen :** laser bar 200 watts 4 bars, laser emitter, diode stack 200 watts LST, DVS, HT, COE, HR, a diode matrix of this power is found in the simplest devices.

**link to** youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



**In the photo below there are spare parts for a diode laser pen :** laser bar 350 watt 7 bar and there is 400 watt 8 bar, laser emitter, diode stack 350 watt LST, DVS, HT, COE, quite a rare model.

**link to** youtube (<https://www.youtube.com/shorts/dGY18fxG0w>) .



**In the photo below are spare parts for a diode laser pen :** laser bar 600 watt 12 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt.

**link to** youtube (<https://www.youtube.com/shorts/EeBUqBhui34>) .



**In the photo below are spare parts for a diode laser pen :** laser bar 250 watt 5 bar, laser emitter, diode stack 250 watt LST, DVS, HT, COE, adss, HR, diode matrix 250 watt.

**link to** youtube ([https://www.youtube.com/shorts/oLf2w\\_TLwZg](https://www.youtube.com/shorts/oLf2w_TLwZg)) .



In the photo below are spare parts for a diode laser pen : laser bar 300 watt 6 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 300 watt.

link to youtube (<https://www.youtube.com/shorts/tyOmfzxwSQo>) .



The photo below shows a macro channel diode array, 800 watt diode assembly . On the left is 16 bar, in the middle is 8 bar and on the right is 8 bar. This is an example that even one power diode stack can look structurally different. DVS-MS-1006BAI, DVS-MS-1003BAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, LST-MS-1003BAI, LST-MS-1005BAI, LST-MS-1006BAI, LST- ML-1012BAI, LST-ML-1008BAI.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows the ORIGINAL macro channel diode matrix, diode assembly for the adss fg2000b, fg2000d device with a power of 600 watts 6 bar.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



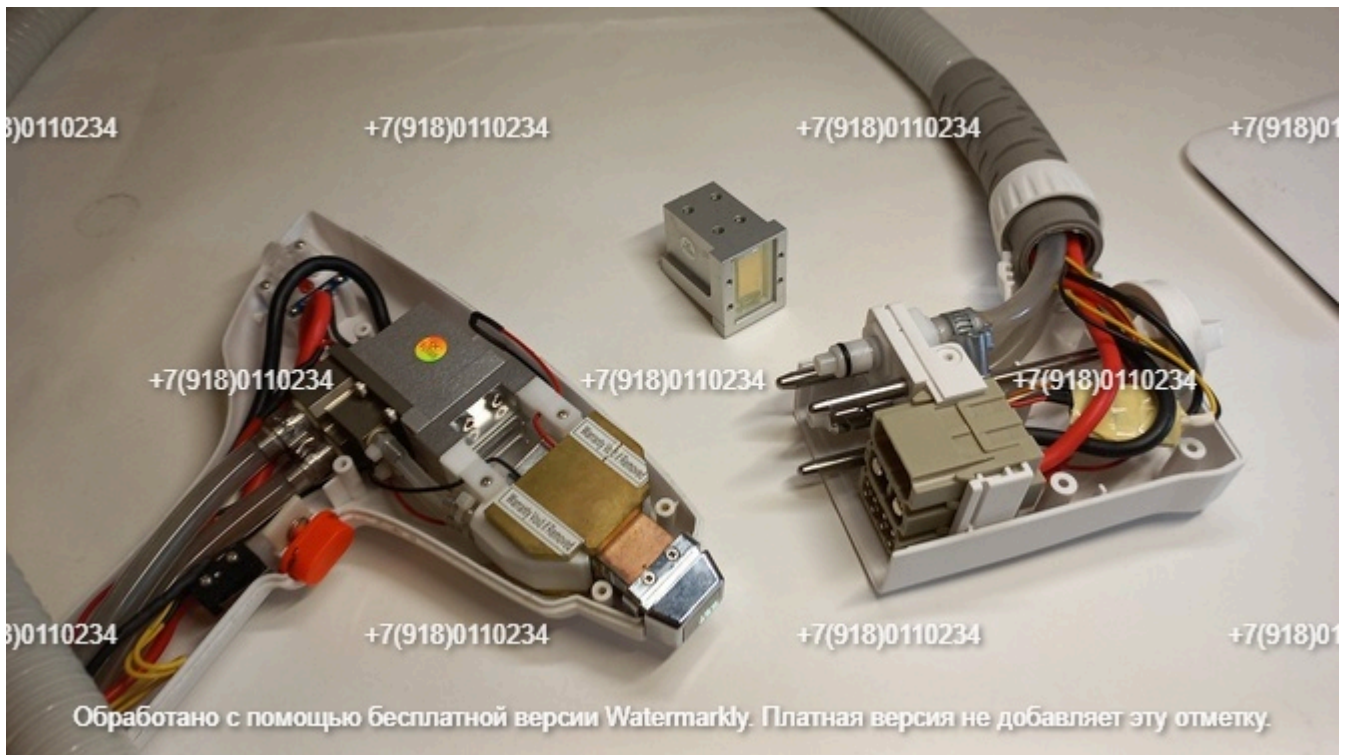
The photo below shows macro channel diode matrices, diode assemblies from the same manufacturer . In this case size there are 200, 250, 300, 350, 400, 500, 600 watts.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a macro channel diode matrix, diode assembly for a pz laser device with a power of 500 watts 10 bar.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



**As a rule, diode stacks may have different designations.** Diode stack, 808nm diode array, assembly, laser bar dvs-1004ai, dvs-1005ai, dvs-1006ai, dvs-1007ai, dvs-1008ai, GTHM-300, GTHM-500, GTHM-600, DVS-1010AI, DVS-L -1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD-500W, (DVS- 500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005bai, DVS-ML-1012BAI, Ozero Khanka, Pioneer Laserlab Magicone DVS-ML-100W-100W, 10BARS, DVS-1012AI, 600W, 12BARS 808nm , GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, HR10500, DVS-1010AI, HT10500, LST-1010AI, LSR-101, 0AI,LSR -3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST-L-1016BAI, MLKJ , HPL-2112, HPL-5868, DVS-1010AI, LST-1010AI, HPL-2122, 81HD-500, DVS-1012AI, STE-L1008, MLKJ-71801202, HPL-7170, dg-hh03-300-808, DG -HH05-500-808,dg-hh05-500-808,DG-HH06-600-808,dg-hh06-600-808,DG-HH08-800-808,dg-hh08-800-808,DG-HH10 -1000-808,dg-hh10-1000-808,DG-HH12-1200-808,dg-hh12-1200-808,DG-HL10-500-808,dg-hl10-500-808,DG-HL12-1200 -808,dg-hl12-1200-808,DG-HL12-1200-808-S,dg-hl12-1200-808-s,DG-HL15-1500-808,dg-hl15-1500-808,dg-hl20 -1000-808,DG-HL06-600-808-WG,DG-HL10-500-808-WG,dg-hl10-500-808-wg,DG-HL12-1200-808-WG,dg-hl12-1200 -808-wg,DG-HL15-1500-808-WG,dg-hl15-1500-808-wg,DG-HL20-2000-808-WG ADSS19V19776, ADSS16V02985, DVS-MS-1006BAI, COE-21V25375, PZ LASER , DVS-500, DVS-ML-1008, DVS-ML-10012BAI, HPL-0274, MLKJ-718022, HR11600DG1581, ADSS-B, MLKJ-L-1016BAI, MLKJ-L-1012BAI, MLKJ-L-1010BAI, DVS -L-1016BAI, DVS-L-1012BAI, DVS-L-1010BAI, DVS-L-1008BAI, DVS-L-1016AI, DVS-L-3233BAS, GTHM-500, GTHM-600, GTHM-400, HPL-6474 , 19Y-HW-1714, HD-8A36-360WB-T0560 L-3334BAS, SILVANO LASERTECH MLG LASER MEDICALASER MAGICOSMO KEYLASER SHR BL1 L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012AI, LST -L-3334BAS, LST-L-3255AS, LAS-1005AI, Handpiece for ADSS diode laser Available models ADSS FG 2000B 600 W ADSS FG 2000B 500 W ADSS FG 2000D 600 W LAS-1008AI, LAS-1010AI, LAS-L- 1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600w, 12\*50W, HR10800, 8 00w, 16\*50W, HR10600, 600w, 6\*100w, HR10800, 800w, 8\*100w, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01-A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, 1200w, 12\*100w, HR11600, 1600w, 16\*1, 00w, LST- 3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, Handles for the diode laser Ozero Khanka OK-1 Lake Khanka OK-1 Laser diode emitter for the handpiece of the diode laser AMUR AMUR No need to change the diode laser handpiece entire laser,you can separately replace the laser diode stack Consultation on the selection and installation of laser diode emitters Handpieces for the diode laser Ozero Khanka Pioneer Lake Khanka Pioneer New original spare parts for diode lasers of the Ozero Khanka OK-1 line Lake Khanka OK-1 Ozero Khanka Pioneer Lake Khanka Pioneer DVS-1007AI , DVS-1010AI, LST-1006AI, LST-1005AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L -1016AI.DVS-L-1012BAI, DVS-L-1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI , LT-13CH001200N, COE-22V, DVS-L-2408BAS 1200W(12 bar at 100W) 500w (10 bar at 50w) 800w (16 bar at 50w)800w (8 bar at 100w) 600w (6 bar at 100w) 600w (12 bar at 50w) 1000w (10 bar at 100w) Honkon 1200 (12 bar at 100) Honkon 800 (8 bar at 100) AMUR X ALD1, ALD2 BELL 19SL Pro KIERS KES 144 Handpiece for laser hair removal machine - diode laser SL 600 ADSS FG 2000D+ 1200W ADSS 2000D plus 1200W ADSS FG 2000B 600W ADSS FG 2000B 500W ADSS FG 2000D 600 diode stack 808nm, diode matrix 808nm, 810nm, laser pen laser emitter for hair removal, diode matrix 808nm, diode



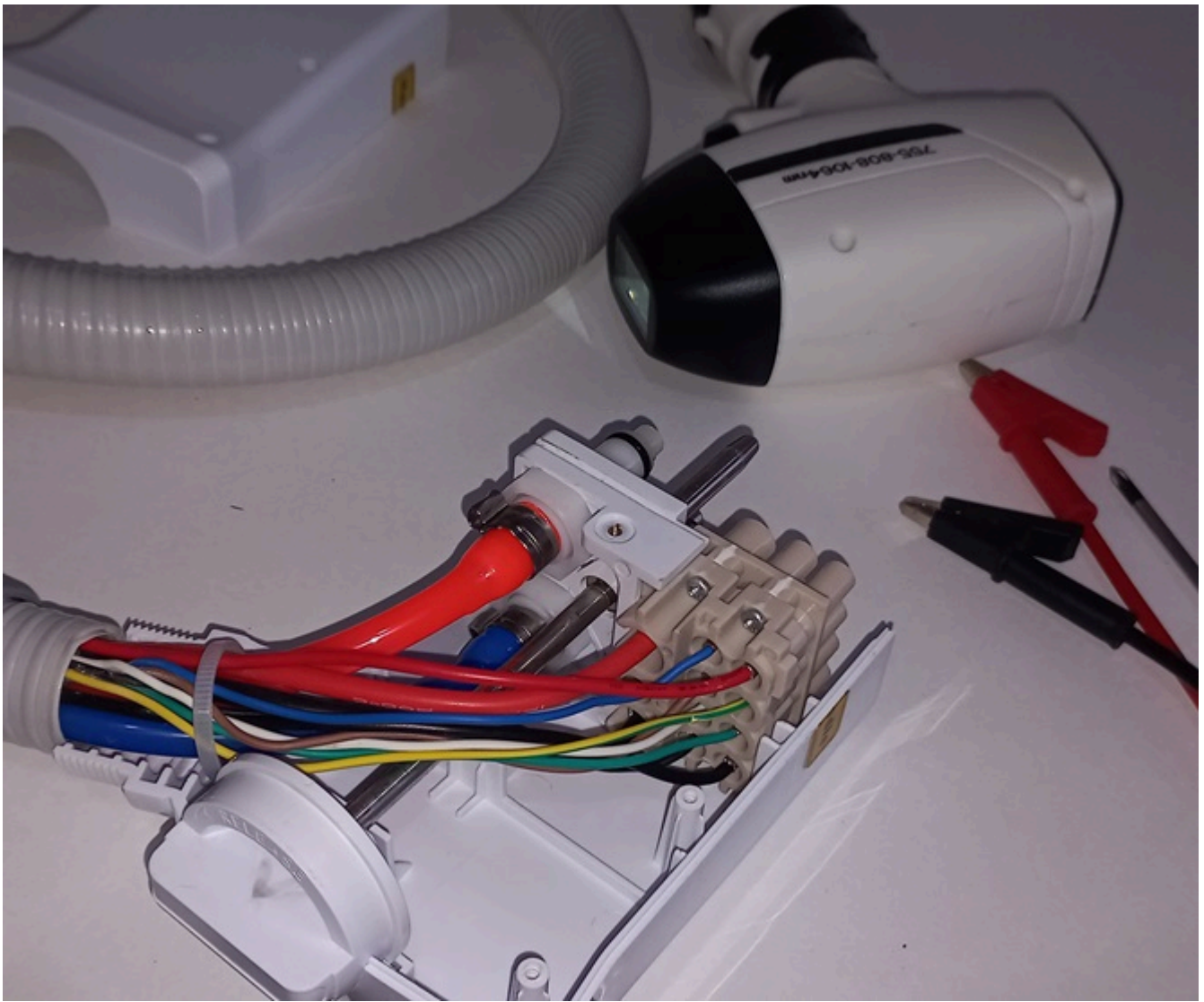
**The main malfunctions of the 808nm diode laser for hair removal. I note that there are various spare parts in stock.**

1. The pen tip has stopped cooling. Inside the diode laser pen there are Peltier elements and often even pens of different denominations and sizes that look similar in appearance. . The problem happens in them, in the wires inside the handle and in the electronic part inside the device. Over time, you also need to change the thermal paste.
2. Cracks in the plastic housing of the 808nm diode laser handpiece. Of course, if they are small, you can seal them with silicone sealant to at least prevent dirt from getting inside, but there are nuances. I recommend replacing the plastic case with a new one.
3. The flashes in the diode laser handle have stopped, but the counter is working. The main reason was the burnt out diode matrix, diode assembly. These pens contain a diode matrix of 500 watts 10 bar 1 wave. If you were sold a device with such a handle, for example, 800 watts or 1200 watts, then you were deceived.

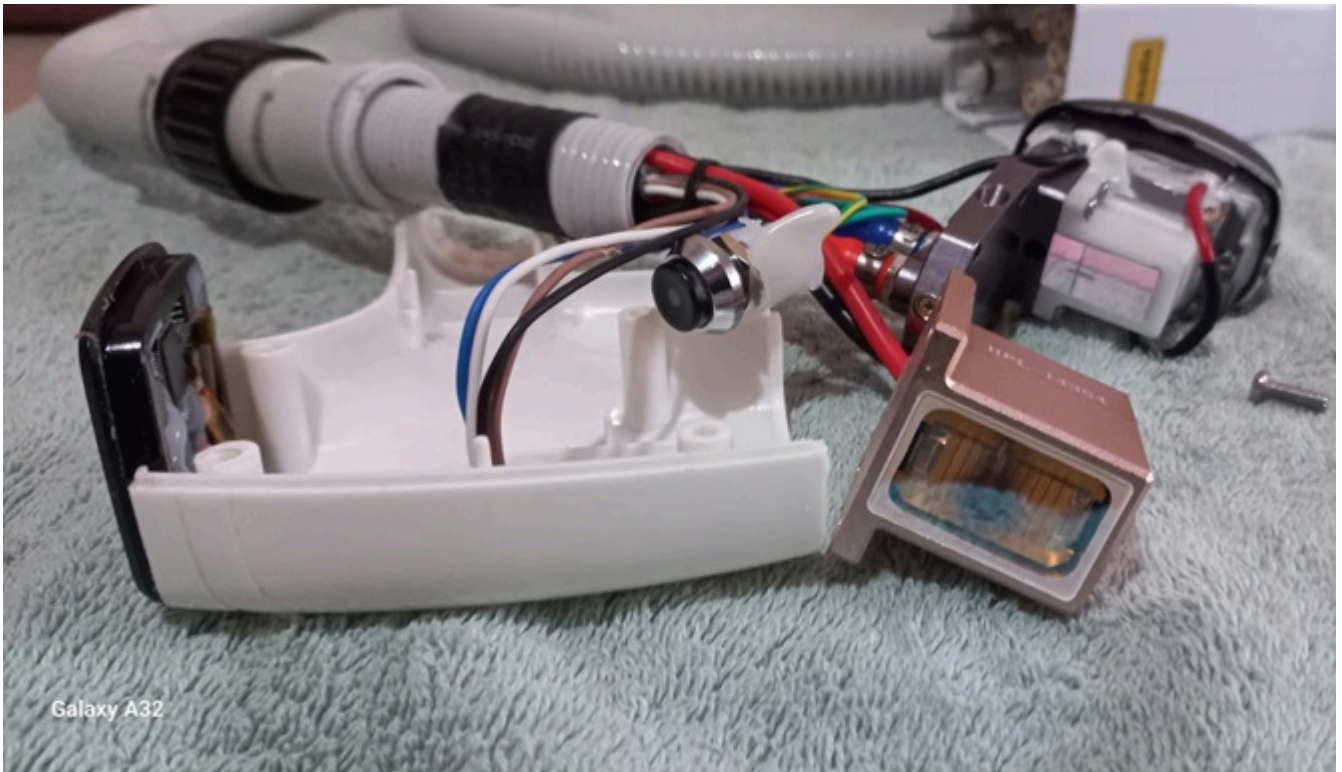
**UNFORTUNATELY, BUYERS OF LASERS ONLY AFTER THE WARRANTY FIND OUT THAT THEY WERE DECEPTEED. AND THEY ARE STRONGLY SURPRISED WHEN THERE WILL BE 250 WATT INSTEAD OF THE PROMISED 1600 WATT. I CAN CONSULT YOU BEFORE BUYING - IT'S FREE**

Replacing a diode stack requires some experience. If the client is located geographically far away, then I will consult him on all the nuances of replacement. Simply soldering 2 wires will not work; more maintenance is required.

4. The water pump has failed. The device will immediately show an error (unless of course it is the simplest one).
5. Don't forget about replacing filters every 3 months. This is a recommendation for many lasers.
6. Water is flowing from under the device. The radiator may have leaked (available for sale). By the way, often the problem is in the water pump. In some pumps it is easier to change the membrane..
7. Broken protective glass inside the diode laser handle or prism. **YOU MUST MAKE A REPLACEMENT, YOU CAN'T WORK WITH A BROKEN PRISM, PROTECTIVE GLASS!**
8. Problems with the electronic part. Problems with the touch screen. The diode laser screen may stop responding to touches.



The photo below shows a burnt-out 500-watt diode stack.

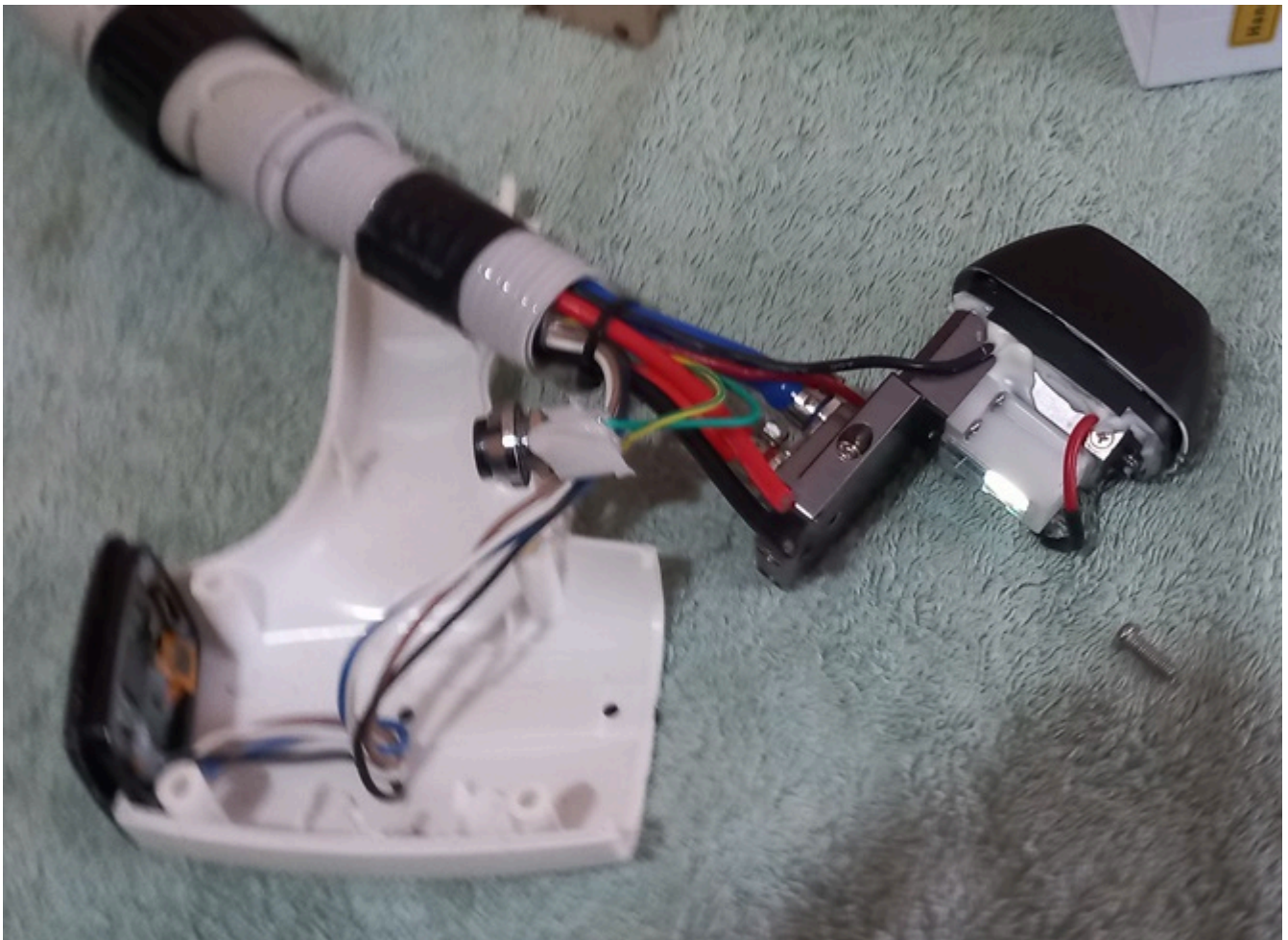
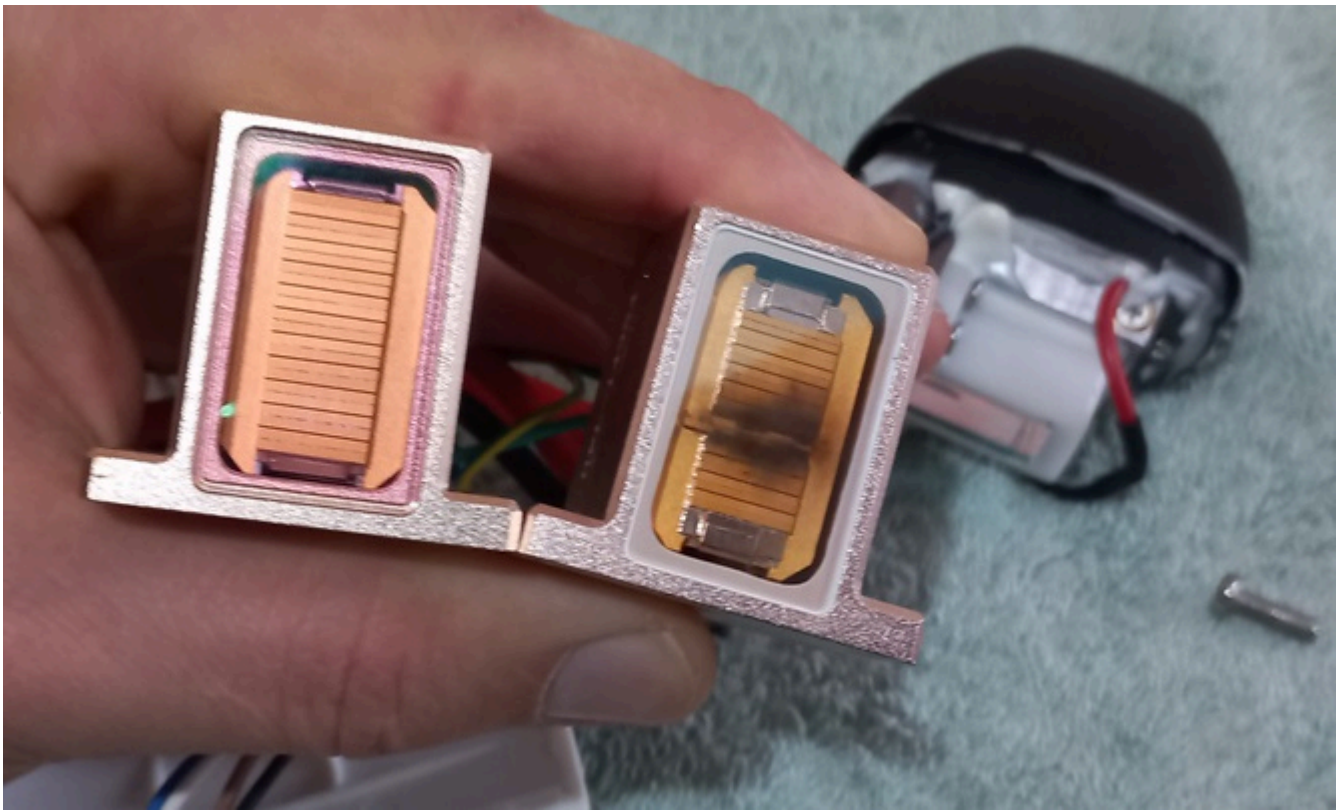


The photo shows a disassembled handle of an 808nm diode laser for hair removal. In this case, there is still an information board, but in fact it does not affect the work BY THE WAY, IF THE GLUE IN THE PEN IS A 99% LASER FROM CHINA. SOME LASERS EVEN HAVE BOARDS..) ON WHICH THE ELEMENTS STAND.





The flashes in the diode laser handle have stopped, but the flash counter is working, what happened? - a frequent question from hair removal specialists. There is no tingling sensation when operating the diode laser pen. Usually the problem is visible visually. I immediately ask you to send a photo of the emitter, laser module through the window in the handle, laser handpiece. **If you need immediate advice on diode laser faults.** , then go to whatsapp [whatsapp app \(https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0\)](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0) .



The photo shows diode stacks of 500 watts, new and burnt-out 808nm diode laser handles for hair removal. Before installation, I check the new stack visually and check the uniformity of the glow.



Repair of the handle, handpiece of the 808 nm diode laser for hair removal, replacement of the diode stack of the handpiece with a power of 500 watts 10 bar 808 nm.

**IF YOU SEE BLACK DOTS INSIDE THE HANDLE OF A COSMETOLOGY DIODE LASER, DO NOT WORK. IT MAY BE DIRT AND YOU CAN STILL DO WITHOUT REPLACING THE STACK!!!**



We have spare parts for beauty devices manufactured by HT, HR, DVS, LST, HD, COE, HPL, repair of diode lasers and their handles, maintenance of laser epilators, spare parts for neodymium laser nd:yag, water filters for diode laser, xenon lamps for photoepilation devices elos, ipl. In addition, 808 nm diode stacks with powers of 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 watts are presented.



In the photo below are spare parts for a diode laser pen : laser bar 600 watt 12 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt.

link to youtube (<https://www.youtube.com/shorts/EeBUqBhui34>) .



Блог о диодных лазерах 808нм для удаления волос, обзор устройства лазера для удаления волос, Диодный стек 808нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт, производитель HT, HR, DVS, LST, HD, COE, HPL. Изначально детали имеют разные обозначения, но консультация позволит подобрать нужный вариант. Диодный стек, диодная матрица, сборка, лазерный бар dvs-1004ai, dvs-1005ai, dvs-1006ai, dvs-1007ai, dvs-1008ai, GTHM-300, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600w, 12\*50W, HR10800, 800w, 16\*50W, HR10600, 600w, 6\*100w, HR10800, 800w, 8\*100w, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01-A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, 1200w, 12\*100w, HR11600, 1600w, 16\*100w, LST-3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, DVS-1007AI, DVS-1010AI, LST-1006AI, LST-1005AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L-1016AI.DVS-L-1012BAI, DVS-L-1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI, LT-13CH001200N, COE-22V, DVS-L-2408BAS GTHM-500, GTHM-600, DVS-1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD-500W, (DVS-500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, 500W, 10bars, DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, HR10500, DVS-1010AI, HT10500, LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST-L-1016BAI, MLJK, L-3334BAS, L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012AI, LST-L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS-1005AI, LAS-1008AI, LAS-1010AI, LAS-L-1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, Вы

можете купить напольный, настольный диодный лазер на базе android solution Pro , Prox pro, Alpha3 ANDROID, PRO2, профессиональный аппарат для эпиляции , AMUR-X , лазер с компрессором на фреоне key laser 940/800/755/1064 нм k18, кей лазер k20, k19, k21, k800, k22, k106+, k680, k690, K650, k630+, k630, K808, K810, K808pro, k6, k7, k8, k9, k11, Neo Laser Diode, диодный лазер с анализатором кожи new android untlaser, adss fg2000b. fg2000d, pve2020, fg2000d+, ozero khanka ok01, pioneer. Запасные части для аппаратов косметологии. Ремонт диодных лазеров, ручки лазера, обслуживание лазерных эпиляторов, запчасти для неодимового лазера nd:уаg, водяной фильтр диодного лазера, ксеноновая лампа аппарата фотоэпиляции elos, ipI

Диодная сборка мощностью 200, 250, 300, 350, 400, 500...



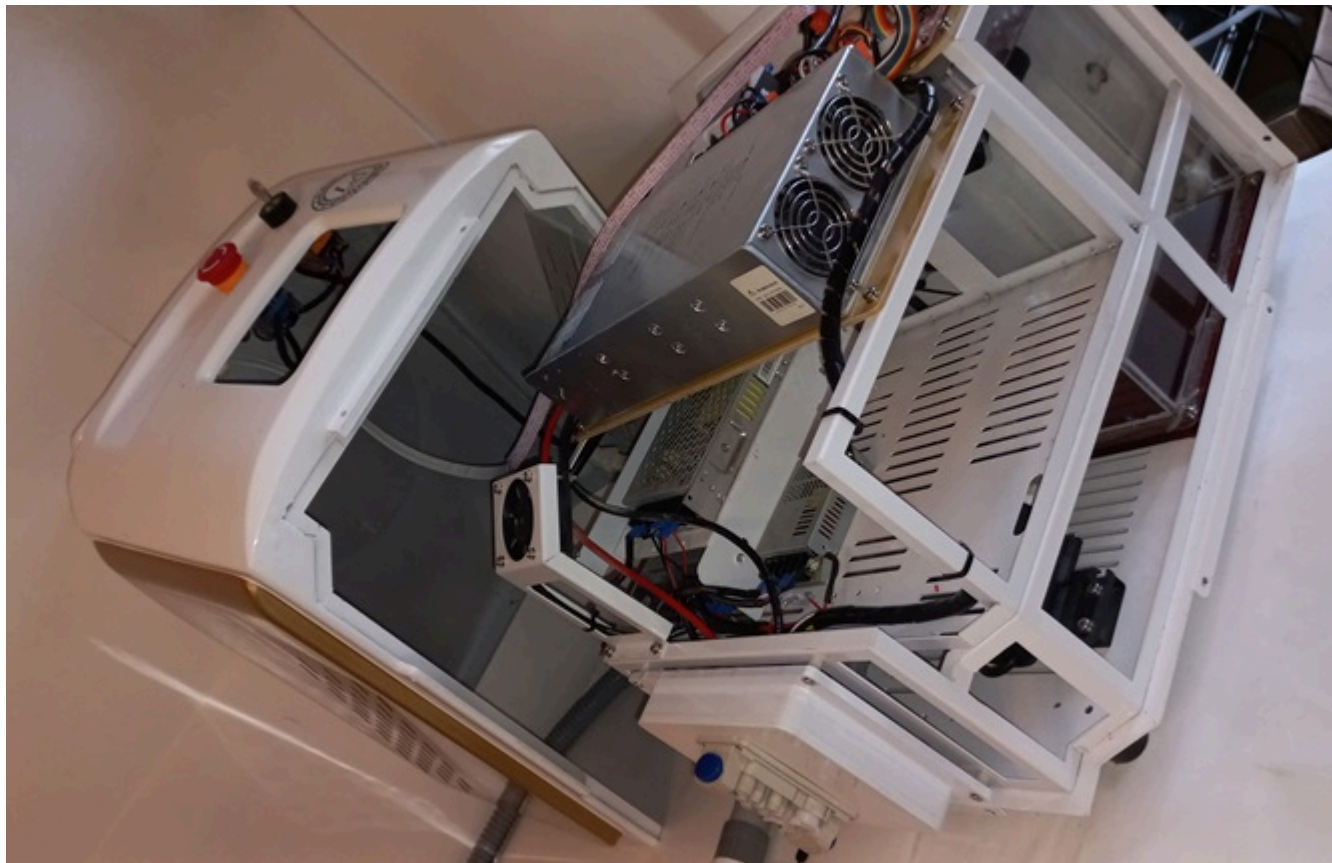
Обслуживание, ТО Ремонт лазеров 808нм APDL-2B, ADL-5, LD-5, LD-2, ALD-2 ,DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, SL-600 VOB DL300, VOB DL600 (/remont-lazerov/322-obslyzhivanie-to-remont-lazerov-808nm-apdl-2b-adl-5-ld-5-ld-2-ald-2-dpl-4c-dpl-4b-ald-1-ld-6-apq-1s-dpl-4a.html)

**Обслуживание диодного лазера, ТО Ремонт лазеров 808нм APDL-2B, ADL-5, LD-5, LD-2, ALD-2 ,DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A . Запасные части, типичные неисправности , советы по обслуживанию.**

На фотографиях ниже момента облуживания диодного лазера 808нм для удаления волос.

**Если нужна консультация**, то переход в вотс апп whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)).

Обслуживание диодных лазеров должна быть хотя бы 1 раз в год. Замена фильтров воды в подобных аппаратах должна быть 1 раз в 3 месяца.



На фото ниже проверка охлаждения наконечника. При нормальной работе аппарата он покрывается инеем. В данной ручке диодного лазера стоят 2 элемента Пельтье, которые работают параллельно.

ХОТЕЛ БЫ ОТМЕТИТЬ, ЧТО, ОХЛАЖДЕНИЕ РУЧКИ И ВОДЯНОЕ ОХЛАЖДЕНИЕ ВНУТРИ АППАРАТА ЭТО РАЗНЫЕ ВЕЩИ. МНОГИЕ ПРОДАВЦЫ ПРОДАЮТ ДЕШЕВЫЕ АППАРАТЫ, У КОТОРЫХ РУЧКА ПОКРЫВАЕТСЯ ИНИЕМ, НО ЧАСТО СТОИТ ПРОСТО ТОЛЬКО РАДИАТОР В ВОДЯНОЙ СИСТЕМЕ ( КАК В АППАРАТЕ НА ФОТО). ПЛОХОЕ ОХЛАЖДЕНИЕ ВОДЫ - БОЛЕЕ БЫСТРЫЙ ВЫХОД ИЗ СТРОЯ ДИОДНОГО СТЕКА ВНУТРИ РУЧКИ ДИОДНОГО ЛАЗЕРА.



## Что должно в идеале входить в ТО диодного лазера для удаления волос.

- замена термопасты на элементах Пельтье в ручке лазера. Со временем термопаста подсыхает и охлаждение ручки становится хуже.

- чистка радиаторов от пыли. В данных аппаратах самое простая водяная система и вода охлаждается отводом тепла из радиатора . Если радиатор в пыли, то теплоотвод хуже.

- замена водяных фильтров. Водяные фильтры чистят воду от всякой органики в воде. Если не менять фильтра, то внутри диодного стека будет пленка, которая мешает отводить тепло от излучателя. Лазерный излучатель сильно нагревается и от перегрева выходит из строя.

**Идеальная температура воды внутри диодного лазера для удаления волос 23 градуса. Чем выше - тем быстрее стек выйдет из строя.**



**Основные неисправности диодного лазера от stelle laser. Как правило в наличии есть различные запасные части.**

1. Перестал охлаждать наконечник ручки . Внутри стоят 2 элемента Пельтье ( есть в продаже). Проблема бывает в них , в проводах и в электронной части . Так же есть необходимость менять термопасту.
2. Трещины на пластиковом корпусе ручки диодного лазера. Конечно, если небольшие можно замазать силиконовым герметиком, но есть нюансы. Я рекомендую менять корпус на новый ( есть в продаже).
3. Перестают работать вспышки. Тут могут быть различные проблемы. От фильтров до сгоревшего диодного стека.
4. Вышел из строя водяной насос. Аппарат сразу покажет ошибку. Это вентилятор на дисплее красного цвета. ( лично я ставлю аналоги и их предлагаю).
5. Про замену фильтров раз в 3 месяца не надо забывать.
6. Течёт вода из под аппарата. Возможно радиатор потек ( есть в продаже).
7. Разбитое стекло внутри ручки диодного лазера.  
НАДО ДЕЛАТЬ ЗАМЕНУ , РАБОТАТЬ С РАЗБИТОЙ ПРИЗМОЙ, ЗАЩИТНЫМ СТЕКЛОМ НЕЛЬЗЯ!
8. СГОРЕЛ ДИОДНЫЙ СТЭК. В данных ручках стоит 500, 600 ватт 1 волна. Если Вам продали аппарат например с 800 ватт, то Вас обманули.  
Замена диодного стека требует определённый опыт. Если клиент находится территориально далеко , то Я его консультацию по всем нюансам замены.  
КОНСУЛЬТАЦИЯ ПО ПРОБЛЕМАМ БЕСПЛАТНАЯ.
9. Проблемы с электронной частью. В Продаже есть платы управления.

Это основные неисправности аппаратов завода stelle laser APDL-2B, ADL-5, LD-5, LD-2, ALD-2 ,DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, SL-600 VOB DL300, VOB DL600, DPL-4A .

**Если нужна консультация по ремонту косметологического оборудования** , то переход в вотс апп whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)).

- В идеале проверить так же какое напряжение поступает на диодный стек 808нм. Сигнал имеет специальную форму.





На фото ниже электронная плата данного диодного лазера. Через нее идет управление всем аппаратом.

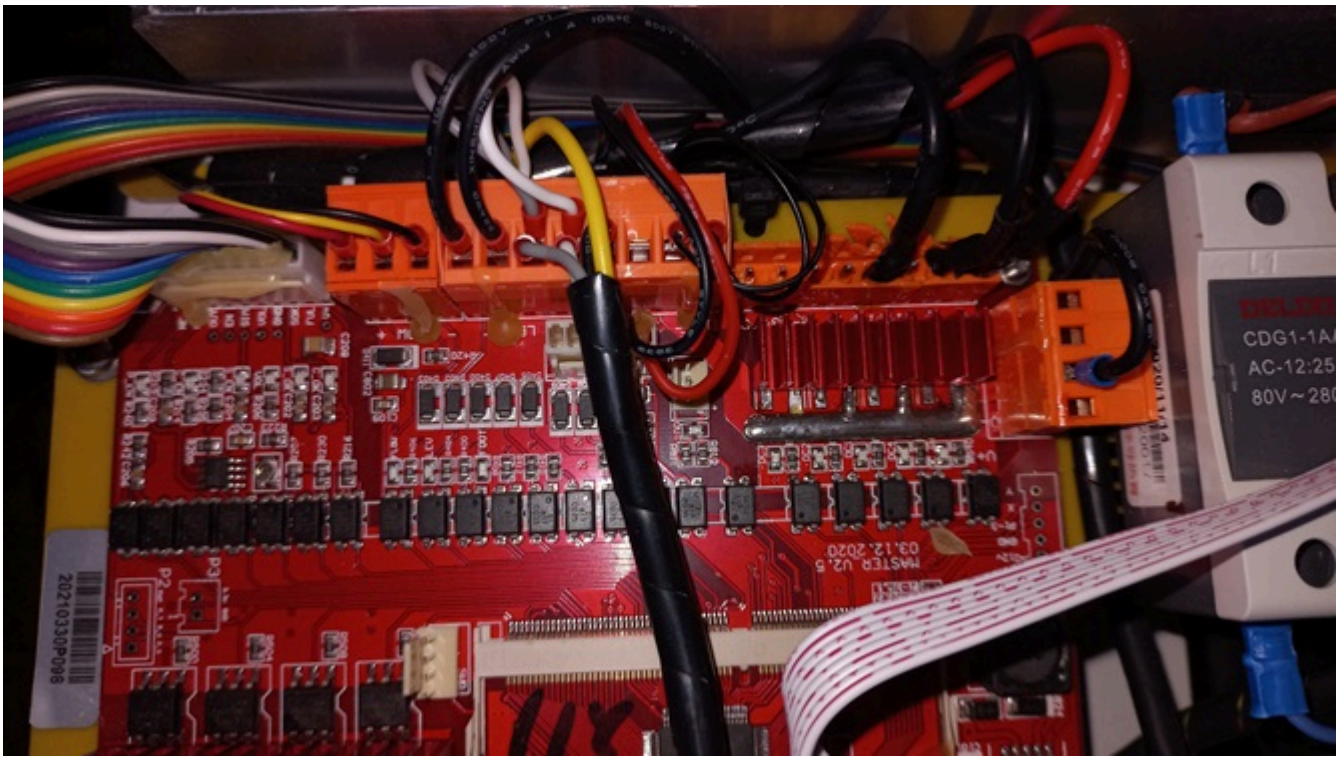
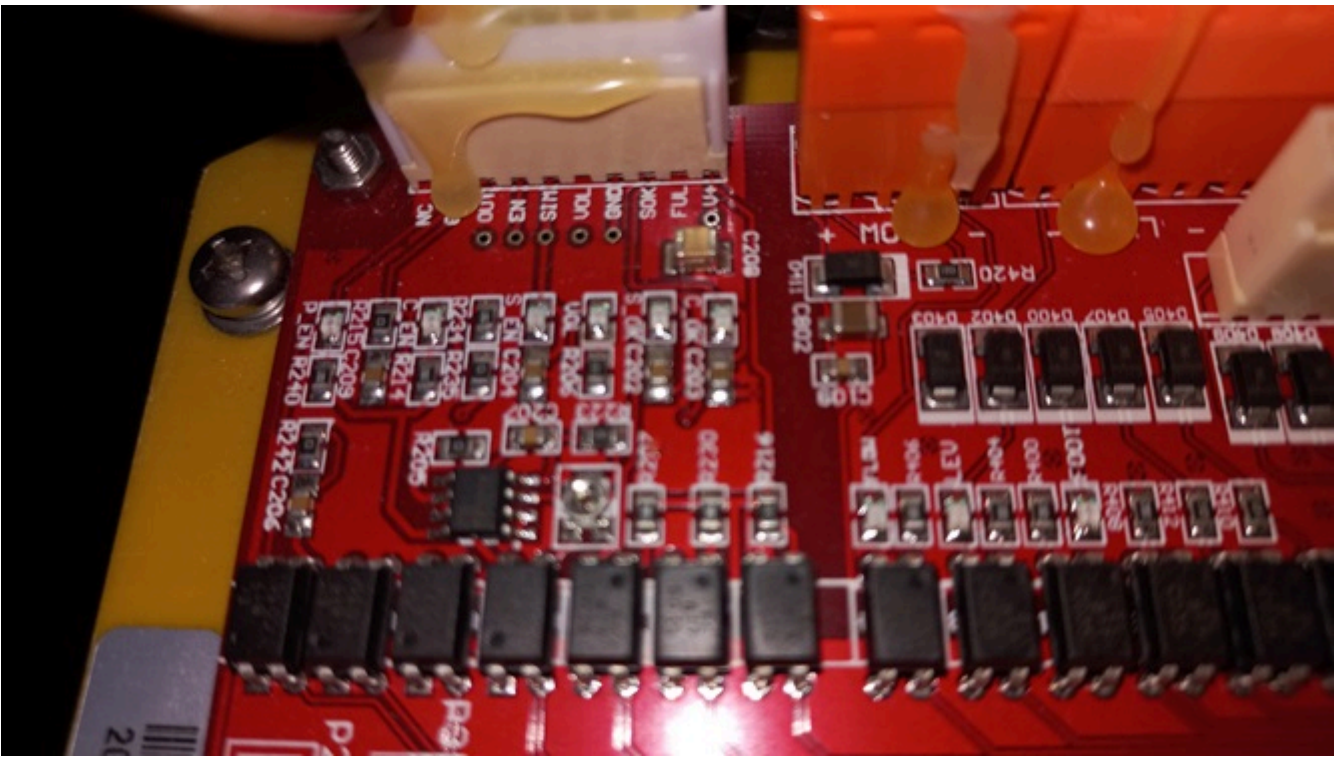


Фото водяного насоса.





На фото ниже примеры комплектующих для данных аппаратов.

В наличии запасные части для косметологических аппаратов, производства HT, HR, DVS, LST, HD, COE, HPL, ремонт диодных лазеров и их ручек, обслуживание лазерных эпиляторов, запчасти для неодимового лазера nd:уаg, водяные фильтры для диодного лазера, ксеноновые лампы для аппаратов фотоэпиляции elos, ipl. Кроме того, представлены диодные стеки 808 нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт.



На фотографии ниже макро канальная диодная матрица, диодная сборка для аппарата rz laser мощностью 500 ватт 10 бар.

ссылка на youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



На фотографии ниже запчасти для ручки диодного лазера: лазерный бар 600 ватт 12 бар , лазерный излучатель, диодный стек 600 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 600 ватт .

ссылка на youtube (<https://www.youtube.com/shorts/EeBUqBhui34>) .



На фотографии ниже фильтр с ионной смолой для очистки воды диодного лазера **STELLE LASER** DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2.

ссылка на youtube (<https://www.youtube.com/shorts/QYbeHM21iOU>) .

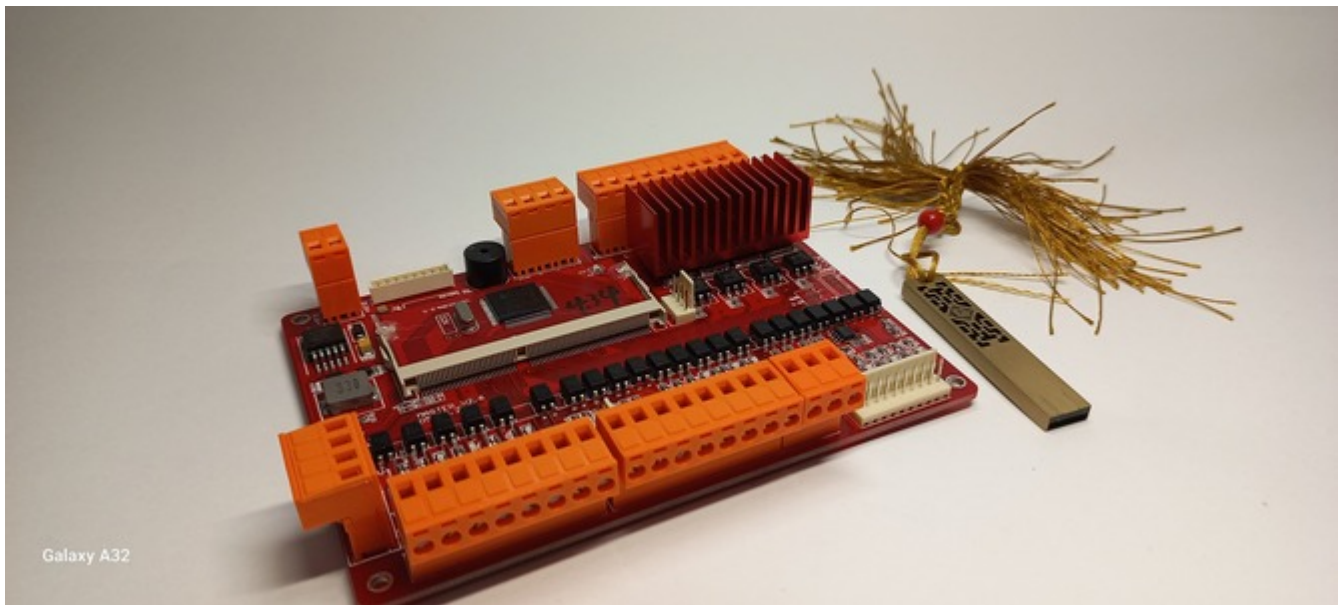


На фотографии ниже пластиковый корпус ручки, манипулы диодного лазера **stelle laser**. Примеры аппаратов **DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2** .

ссылка на youtube (<https://www.youtube.com/shorts/S7eERLsHswl>) .



Galaxy A32



Galaxy A32

На фотографии ниже элементы Пельтье для ручки лазера stelle laser. Размер 30\*30 мм. В наличии tec1-12706, tec1-12704, tec1-12705, tec1-12708, tec1-12709. Довольно популярный размер. Примеры аппаратов DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2 .

ссылка на youtube ([https://www.youtube.com/shorts/Zz4\\_seEC3oE](https://www.youtube.com/shorts/Zz4_seEC3oE)) .



Galaxy A32

Blog about 808nm diode lasers for hair removal, review of hair removal laser device, 808nm diode stack with power 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 watt, manufacturer HT, HR, DVS, LST, HD, COE, HPL. Initially, the parts have different designations, but a consultation will allow you to choose the right option. Diode stack, diode

matrix, assembly, laser bar dvs-1004ai, dvs-1005ai, dvs-1006ai, dvs-1007ai, dvs-1008ai, GTHM-300, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600W, 12\*50W, HR10800, 800W, 16\*50W, HR10600, 600W, 6\*100W, HR10800, 800W, 8\*100W, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01- A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, , 12\* 100w, HR11600, 1600w, 16\*100w, LST-3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, DVS-1007AI, DVS-1010AI, LST-1006AI, AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L-1016AI.DVS-L-1012BAI, DVS-L- 1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI, LT-13CH001200N, COE-22V, DVS-L- 2408BAS GTHM-500, GTHM-600, DVS-1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD , HD-8A48-D08B, 808-HD-500W, (DVS-500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, 500W, 10bars , DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, HR10500, 1010AI,HT10500 , LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L -1016AI, LST-L-1016BAI, MLJK, L-3334BAS, L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012AI, LST-L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS -1005AI, LAS-1008AI, LAS-1010AI, LAS-L-1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, You can buy a floor-standing, tabletop diode laser based on the android solution Pro , Prox pro, Alpha3 ANDROID, PRO2, professional hair removal device, AMUR-X, laser with freon compressor key laser 940/800/755/1064 nm k18, key laser k20, k19, k21, k800, k22, k106+, k680 , k690, K650, k630+, k630, K808, K810, K808pro, k6, k7, k8, k9, k11, Neo Laser Diode, diode laser with skin analyzer new android untlaser, adss fg2000b. fg2000d, pve2020, fg2000d+, ozero khanka ok01, pioneer. Spare parts for cosmetology devices. Repair of diode lasers, laser pens, maintenance of laser epilators, spare parts for neodymium laser nd:yag, diode laser water filter, xenon lamp of elos photoepilation apparatus, ipl.DVS-MS-1006BAI, DVS-MS-1003BAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, LST-MS-1003BAI, LST-MS-1005BAI, LST-MS-1006BAI, LST-ML-1012BAI, LST-ML-1008BAI.

**Repair of lasers DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2 (/remont-lazerov/321-remont-lazerov-dpl-4c-dpl-4b-ald-1-ld-6-apq-1s-dpl-4a-apdl-2b-adl-5-ld-5-ld-2-ald-2.html)**

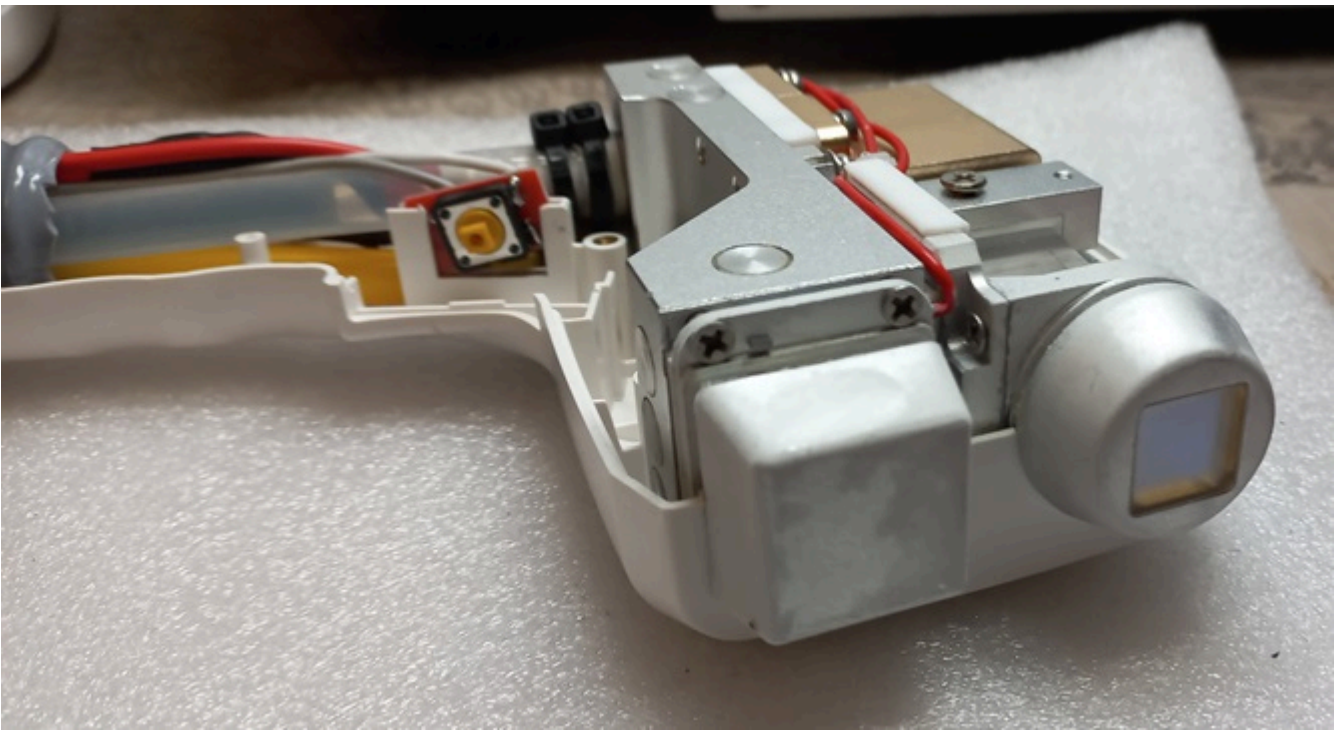
**Repair of lasers from the manufacturer STELLE LASER: DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Replacement of diode stack, repair of 808nm laser handle.**

**If you need advice** , then go to whats app whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)) .

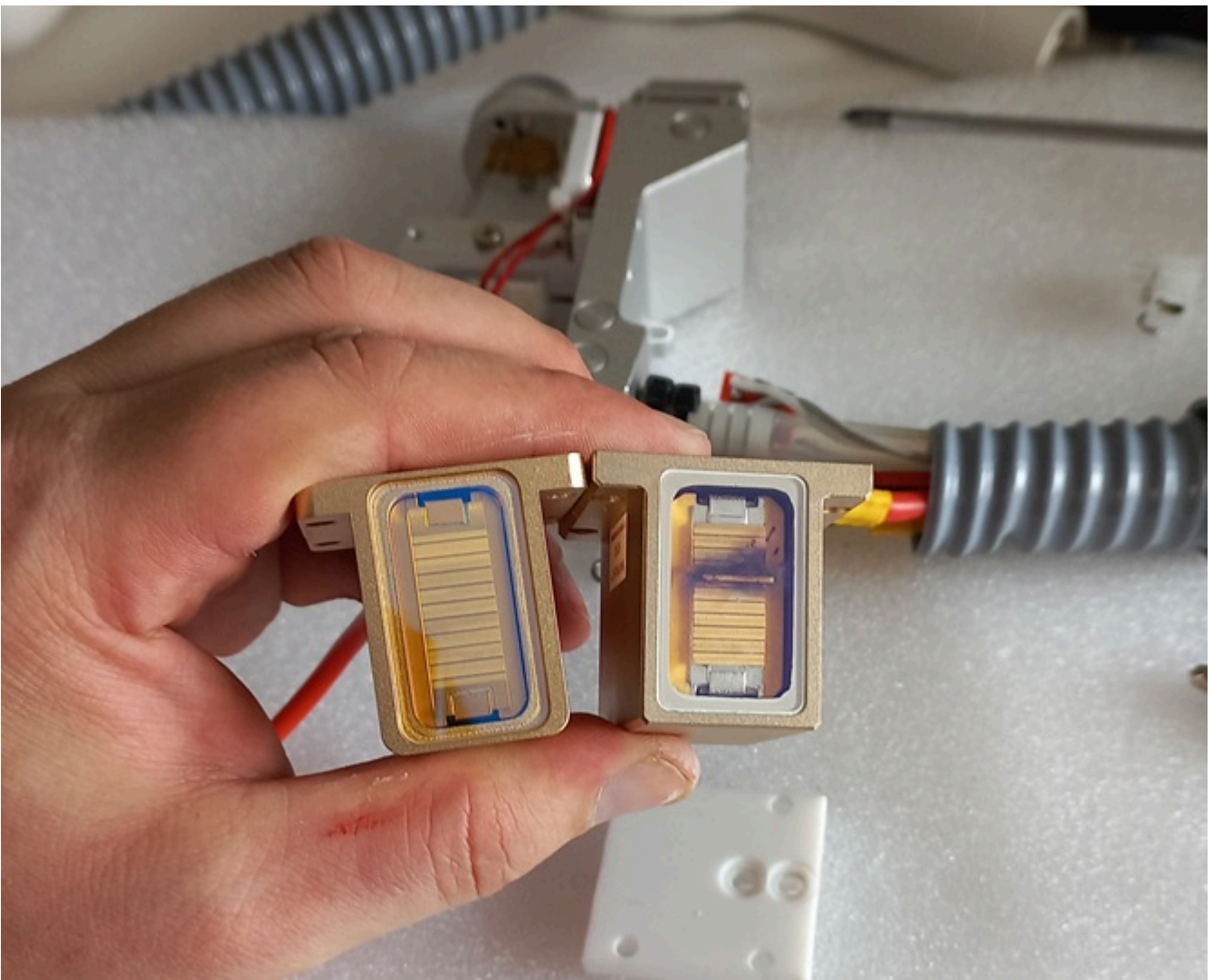
The photographs below show a disassembled diode laser handpiece from the stelle laser factory.

These lasers are sold in Russia and other countries under different brands. These pens cost a maximum of 600 watts, but usually 500 watts.

**IF YOU PURCHASED A DIODE STACK FROM ME, THEN THE REPLACEMENT IS FREE. ALSO AT LONGER REMOTE CONSULTATION ON CHECKING THE DIODE LASER TO AVOID REPEATED OUTPUT OF THE DIODE STACK A.**



Below in the photo is a new diode stack and on the right is an old one that burned out. In this case, the diode matrix is 500 watts 10 bar 808nm. Frequent problems: the diode stack burned out, black dots appeared on the diode stack, the bar floated. The picture below visually shows what the problem is.



There are various spare parts for diode lasers and cosmetology equipment on sale. **If you need advice** , then go to whats app whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)) .



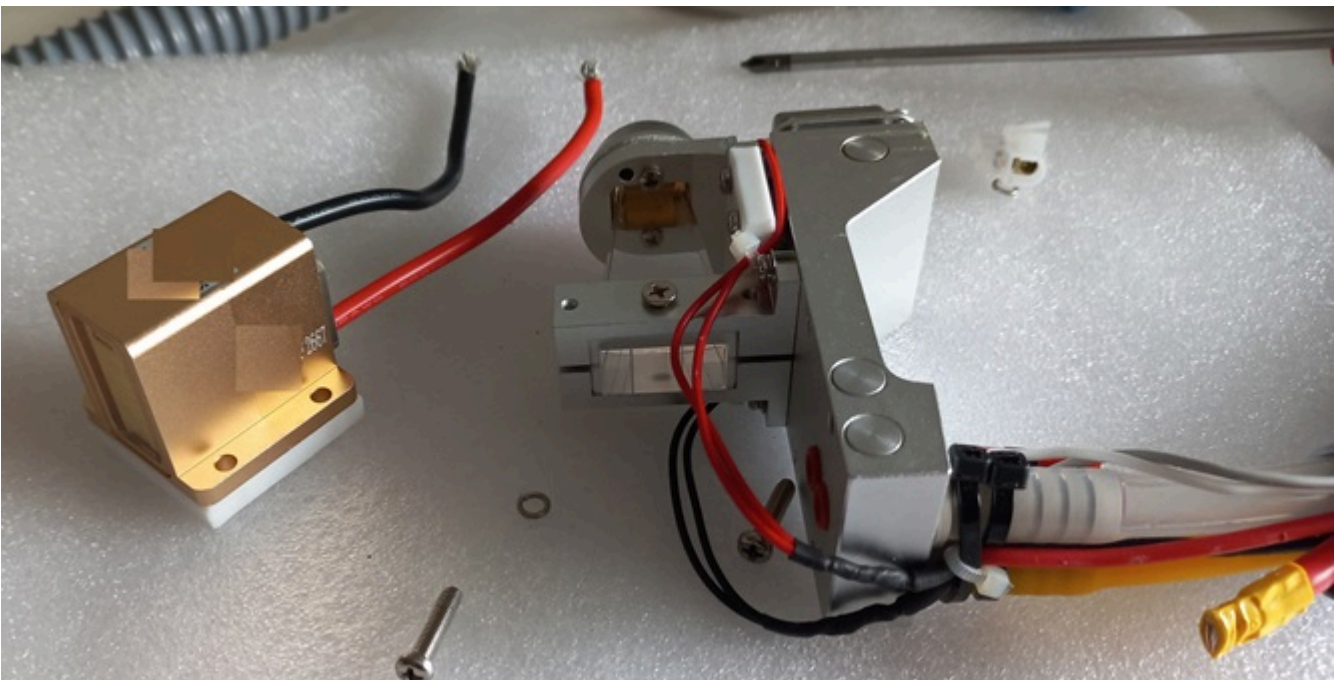
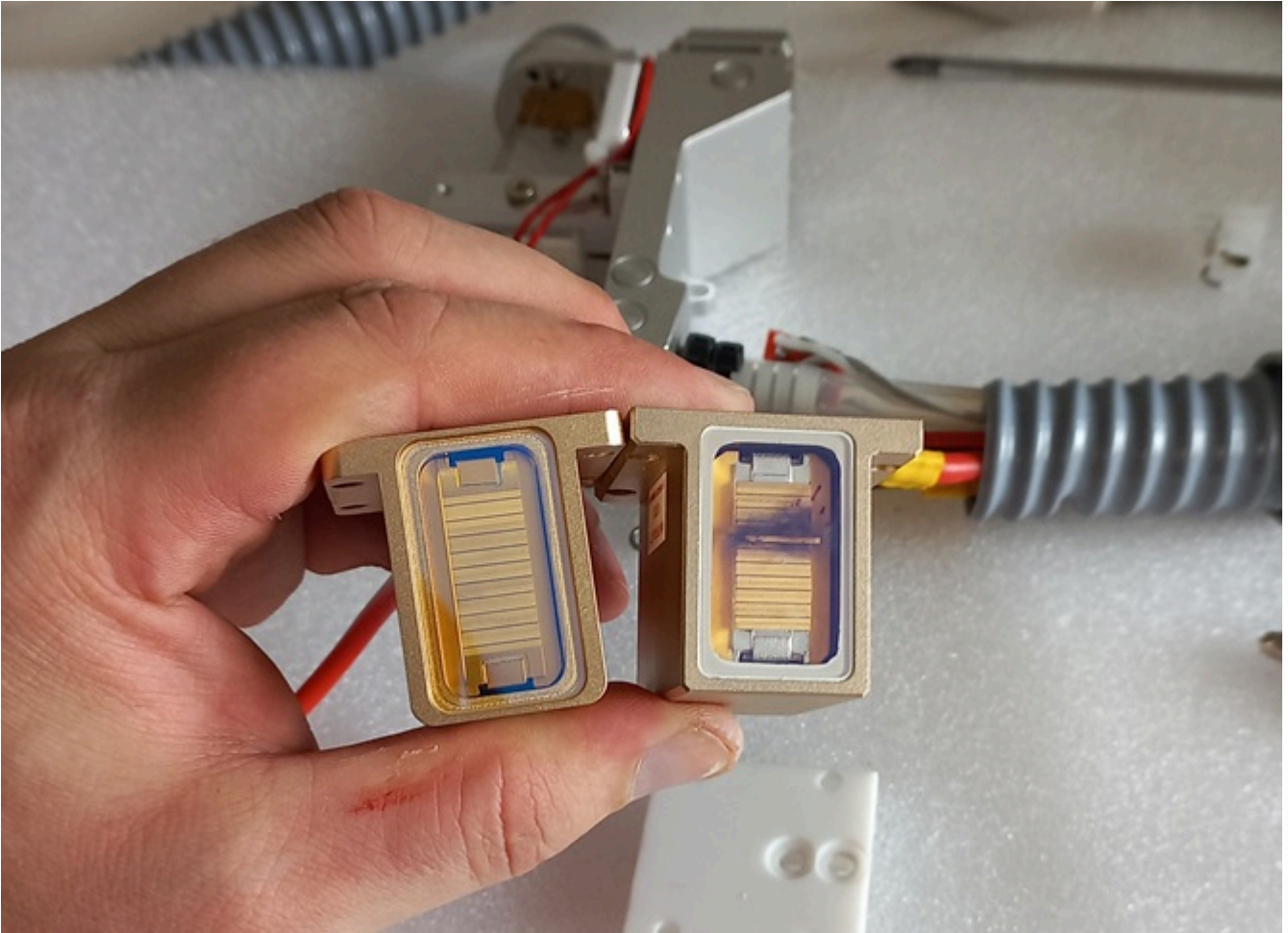


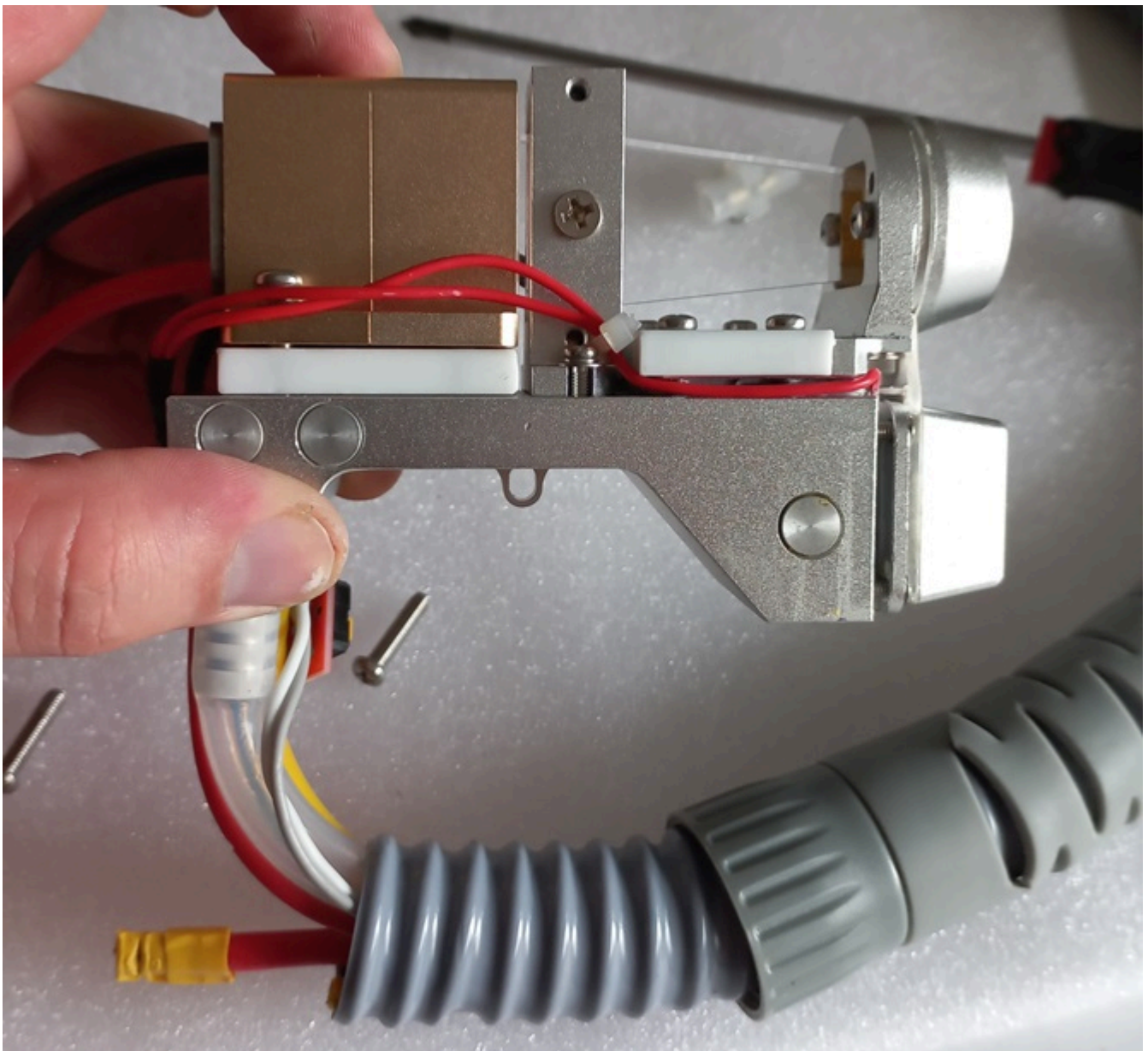
**The main malfunctions of the diode laser from stelle laser PDL-2B, ADL-5, LD-5, LD-2, ALD-2, DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A , SL-600 VOB DL300, VOB DL600. As a rule, various spare parts are available.**

1. The pen tip has stopped cooling. There are 2 Peltier elements inside (available for sale). The problem is in them, in the wires and in the electronic part. There is also a need to change the thermal paste.
2. Cracks in the plastic housing of the diode laser pen. Of course, if small ones can be covered with silicone sealant, but there are nuances. I recommend replacing the case with a new one (available for sale).
3. Flashes stop working. There may be various problems here. From filters to a burnt-out diode stack.
4. The water pump has failed. The device will immediately show an error. This is the fan on the display in red. (I personally put analogues and offer them).
5. Don't forget about replacing filters every 3 months.
6. Water is flowing from under the device. The radiator may have leaked (available for sale).
7. Broken glass inside the diode laser handle.  
**YOU MUST MAKE A REPLACEMENT, YOU CAN'T WORK WITH A BROKEN PRISM, PROTECTIVE GLASS!**
8. DIODE STACK BURNED. These pens cost 500, 600 watts 1 wave. If they sold you a device with, for example, 800 watts, then you were deceived.  
Replacing a diode stack requires some experience. If the client is located geographically far away, then I will consult him on all the nuances of replacement.  
**CONSULTATION ON PROBLEMS IS FREE.**
9. Problems with the electronic part. There are control boards for sale.

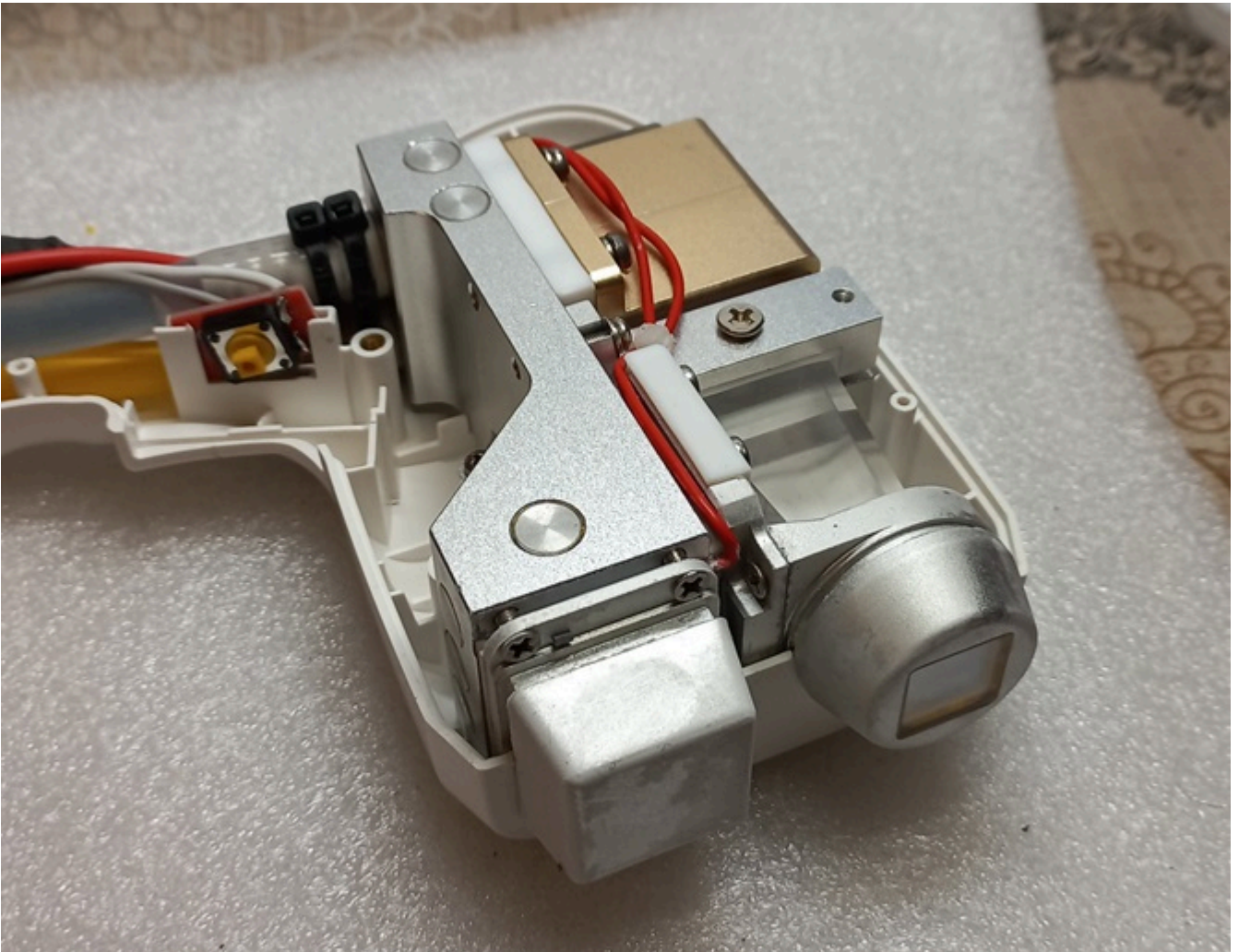
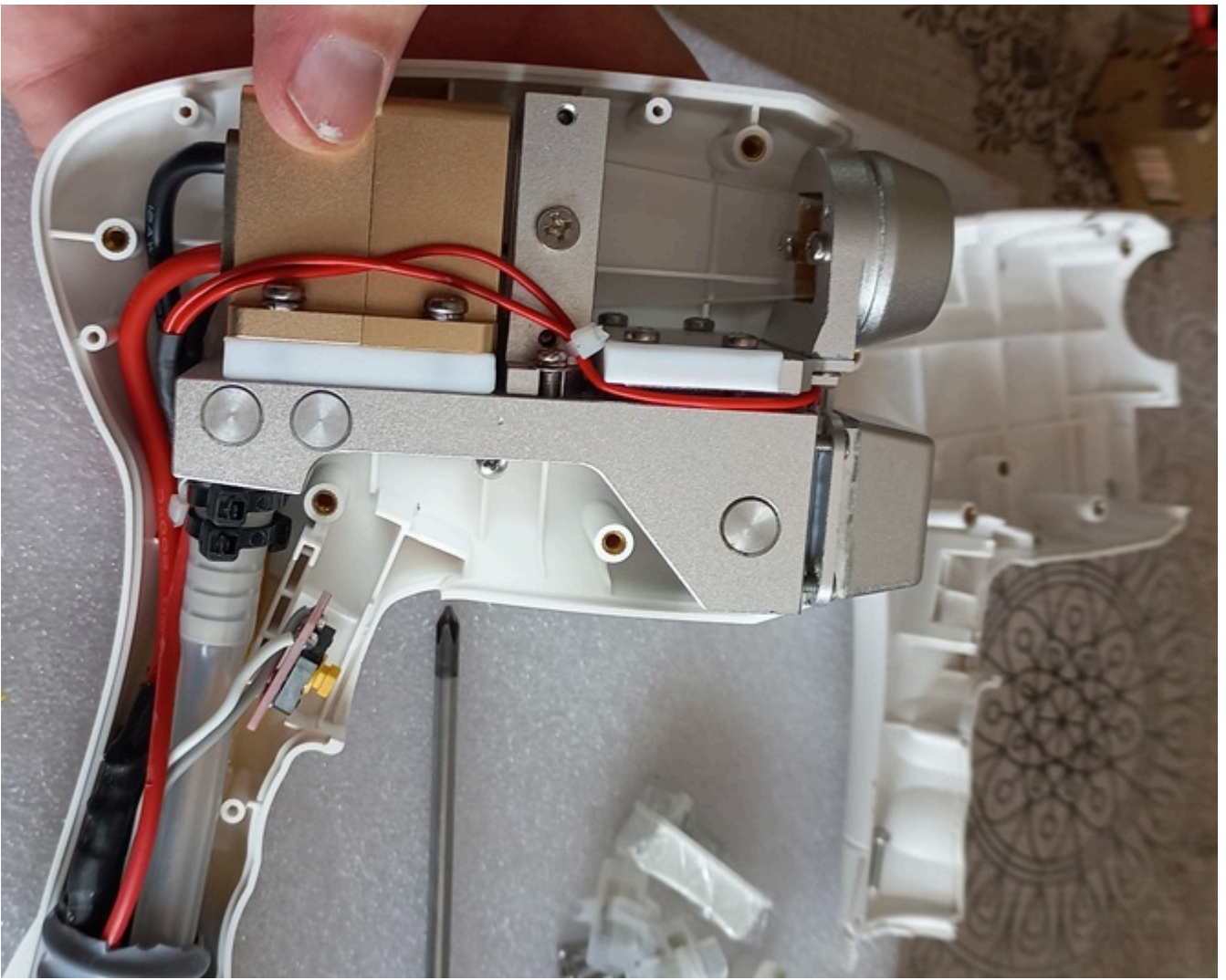
These are the main malfunctions of the stelle laser devices APDL-2B, ADL-5, LD-5, LD-2, ALD-2, DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, SL-600 VOB DL300, VOB DL600, DPL-4A.

Если нужна консультация по ремонту косметологического оборудования , то переход в вотс апп whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)).



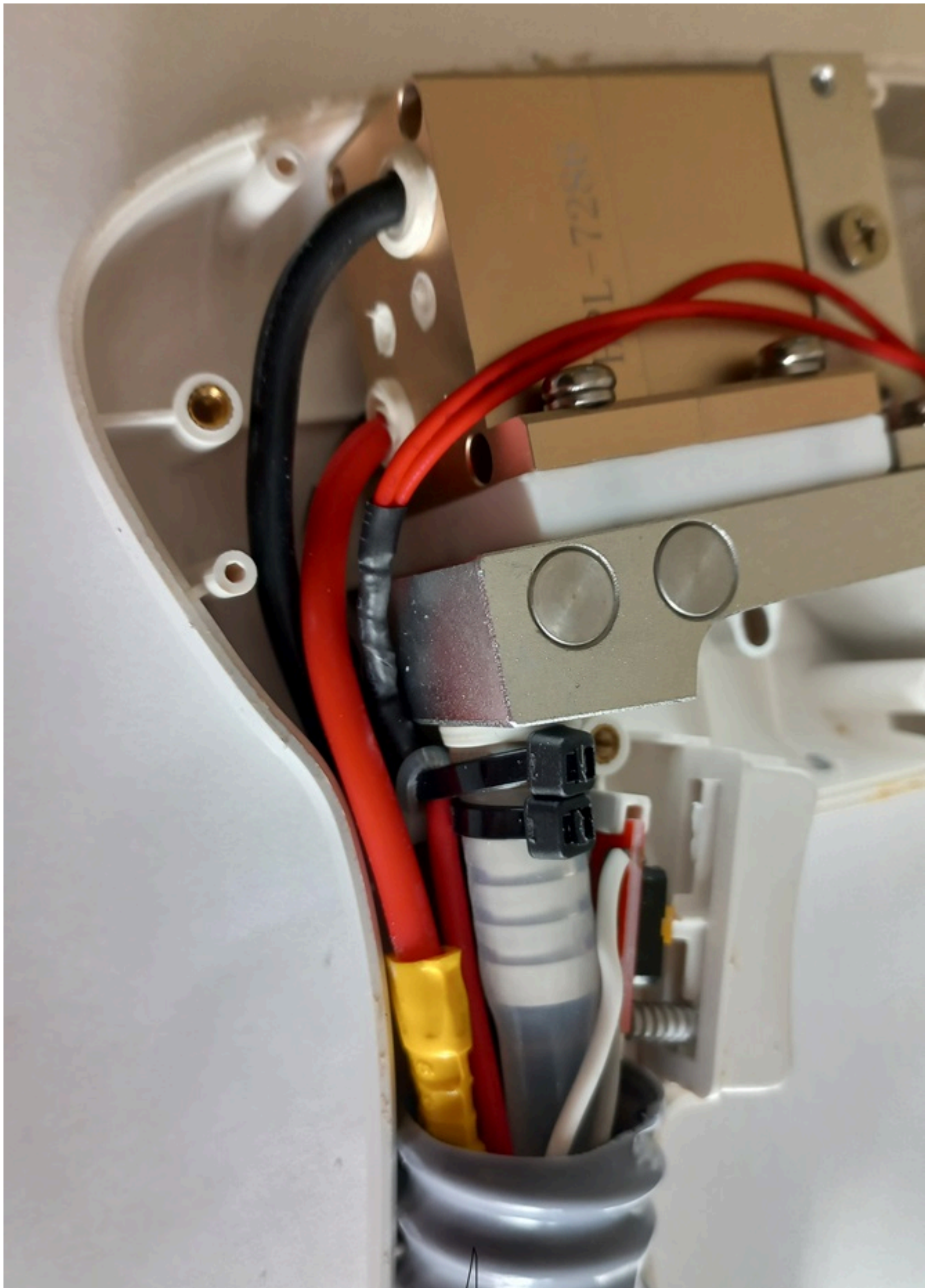


Момент замены диодного стека мощностью 500 ватт в ручке диодного лазера. Отмечу, что для замены нужен определенный опыт. Так же необходимо учитывать причины неисправности диодного стека. Основная причина перегрев, но есть так же другие.

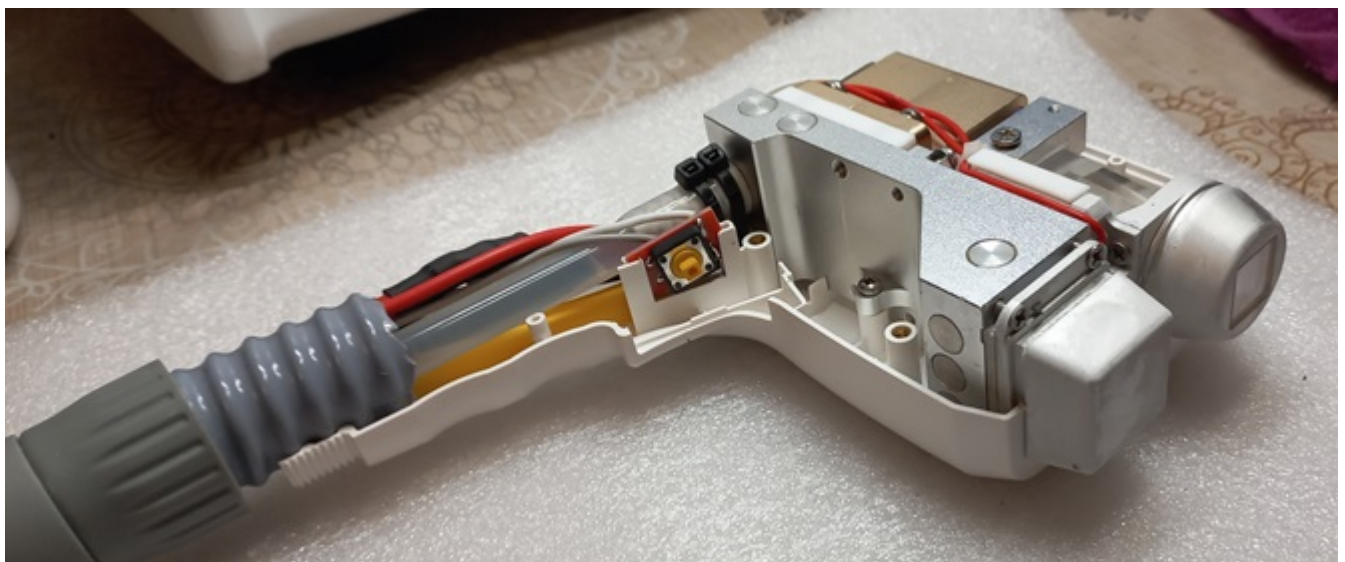
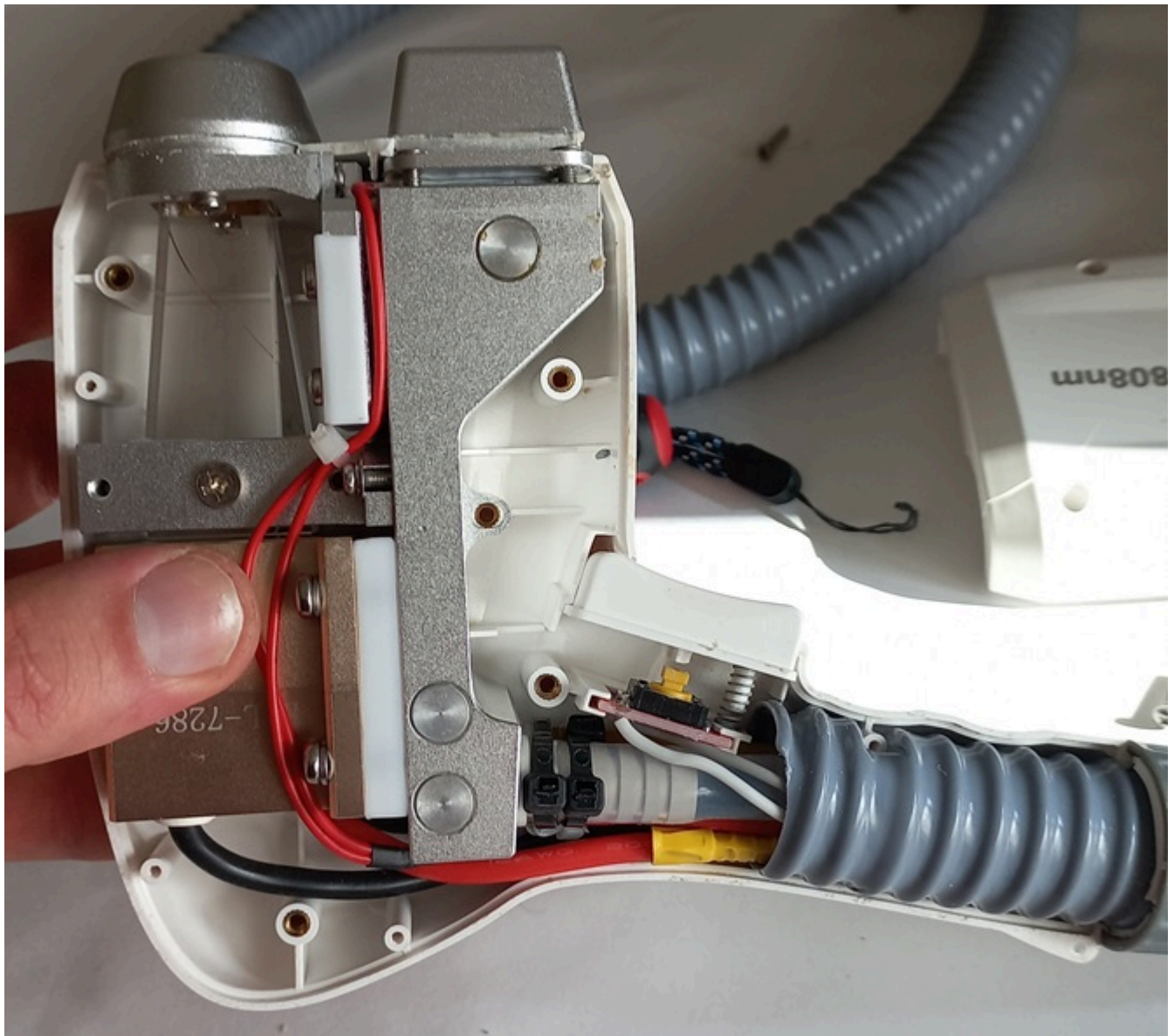








Момент замены диодного стека мощностью 500 ватт 808нм в ручке диодного лазера. Отмечу, что для замены нужен определенный опыт. Так же необходимо учитывать причины неисправности диодного стека. Основная причина перегрев, но есть так же другие. При замене диодного стека я проверяю сигнал осциллографом.

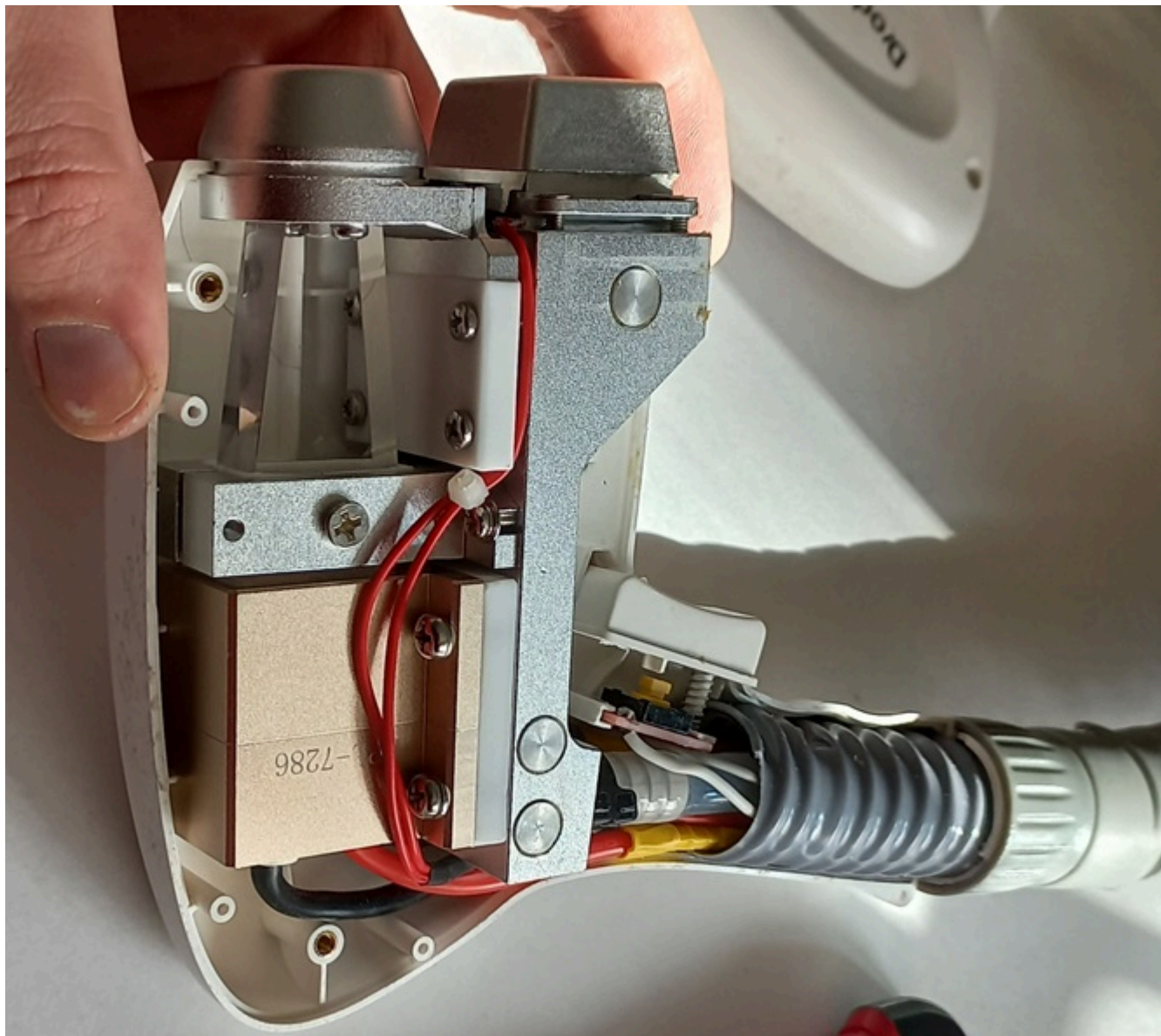


Если в ручке лазера потрескался пластиковый корпус ручки - моя рекомендация менять на новый , так как через трещины может попасть грязь, которая из-за образования нагара может испортить диодный стек.

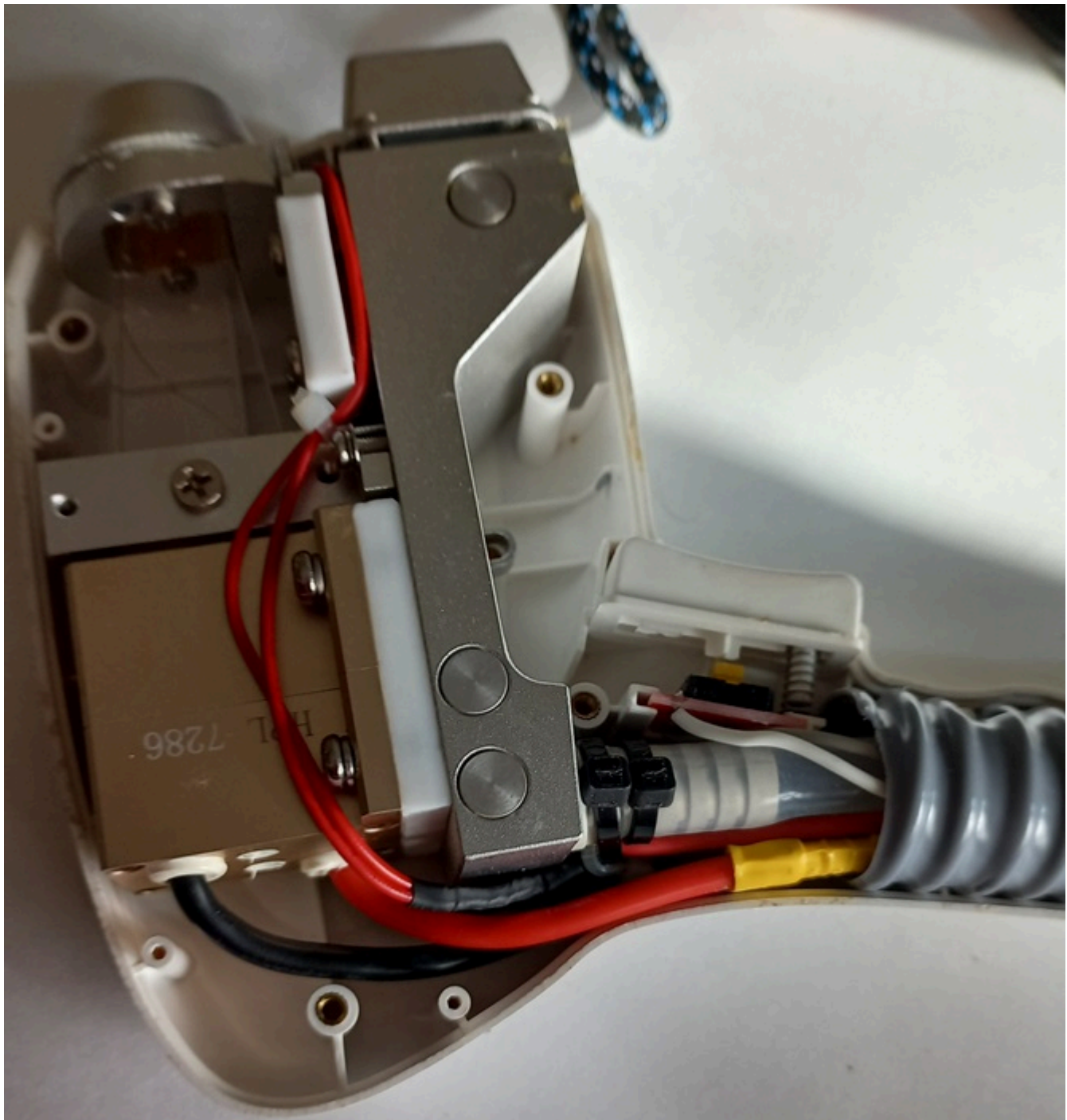




Техническое обслуживание ручки диодного лазера 808 нм, применяемого для лазерного удаления волос и эпиляции, включая ремонт Восстановление работоспособности ручки диодного лазера 808 нм для лазерной эпиляции и удаления волос после технических проблем. Ремонт манипулы диодного лазера 808 нм для эффективного удаления волос и лазерной эпиляции, включая восстановление рабочих параметров. . Обслуживание и ремонт ручки для диодного лазера 808 нм, используемого в процедурах лазерной эпиляции и удаления волос. Техническое восстановление манипулы ручки диодного лазера с волновой длиной 808 нм для эффективной эпиляции и удаления волос



1. Восстановление функциональности манипулы ручки для диодного лазера 808 нм, используемого в процедурах удаления волос и лазерной эпиляции Обслуживание и ремонт ручки диодного лазера с длиной волны 808 нм, предназначенного для эффективного удаления волос методом лазерной эпиляции. Ремонт манипулы ручки для лазерной эпиляции с использованием диодного лазера 808 нм, обеспечивающего эффективное удаление волос.



НИЖЕ ПРИМЕРЫ ЗАПАСНЫХ ЧАСТЕЙ ДЛЯ ЛАЗЕРОВ ЗАВОДА STELLE LASER.

В наличии запасные части для косметологических аппаратов, производства HT, HR, DVS, LST, HD, COE, HPL, ремонт диодных лазеров и их ручек, обслуживание лазерных эпиляторов, запчасти для неодимового лазера  $\text{Nd:Yag}$ , водяные фильтры для диодного лазера, ксеноновые лампы для аппаратов фотоэпиляции elos, ipl. Кроме того, представлены диодные стеки 808 нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт.



На фотографии ниже макро канальная диодная матрица, диодная сборка для аппарата rz laser мощностью 500 ватт 10 бар.

ссылка на youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



На фотографии ниже запасная мембрана помпы диодного лазера Honkon, ozero khanka, keylaser и других. Частая проблема- капает из под помпы , водяного насоса диодных лазеров.

ссылка на youtube (<https://www.youtube.com/shorts/v-AhmTk7L04>) .



**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 350 ватт 7 бар и есть 400 ватт 8 бар , лазерный излучатель, диодный стек 350 ватт LST, DVS, HT, COE, довольно редкая модель.

**ссылка на youtube** (<https://www.youtube.com/shorts/dGY18tfxG0w>) .



**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 600 ватт 12 бар , лазерный излучатель, диодный стек 600 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 600 ватт .

**ссылка на youtube** (<https://www.youtube.com/shorts/EeBUqBhui34>) .



**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 250 ватт 5 бар , лазерный излучатель, диодный стек 250 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 250 ватт.

**ссылка на youtube** ([https://www.youtube.com/shorts/oLf2w\\_TLwZg](https://www.youtube.com/shorts/oLf2w_TLwZg)) .



**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 300 ватт 6 бар , лазерный излучатель, диодный стек 600 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 300 ватт .

**ссылка на youtube** (<https://www.youtube.com/shorts/tyOmfxwSQo>) .



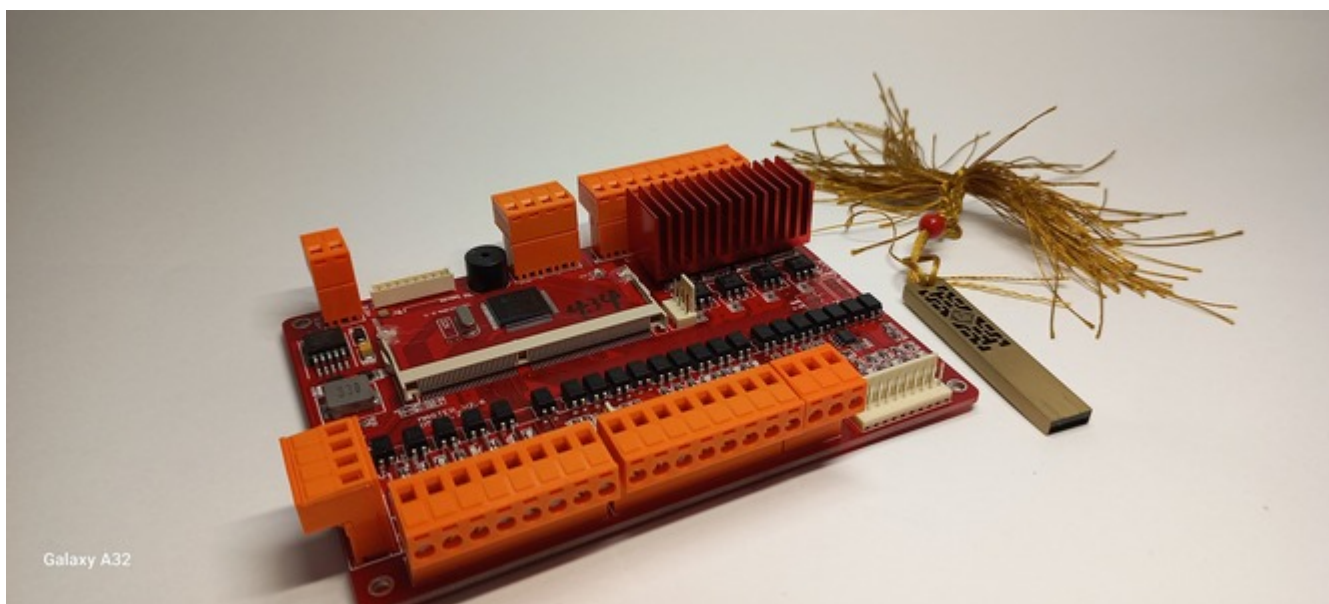
**На фотографии ниже фильтр с ионной смолой для очистки воды диодного лазера STELLE LASER DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2.**

**ссылка на youtube** (<https://www.youtube.com/shorts/QYbeHM21iOU>) .



На фотографии ниже пластиковый корпус ручки, манипулы диодного лазера stelle laser. Примеры аппаратов DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2 .

ссылка на youtube (<https://www.youtube.com/shorts/S7eERLsHswl>) .



На фотографии ниже элементы Пельтье для ручки лазера stelle laser. Размер 30\*30 мм. В наличии тес1-12706, тес1-12704, тес1-12705, тес1-12708, тес1-12709. Довольно популярный размер. Примеры аппаратов DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2 .

ссылка на youtube ([https://www.youtube.com/shorts/Zz4\\_seEC3oE](https://www.youtube.com/shorts/Zz4_seEC3oE)) .



Блог, посвященный диодным лазерам 808 нм для удаления волос, подробный анализ лазерного оборудования для эпиляции. В нашем ассортименте представлены напольные и настольные диодные лазеры: android solution Pro, Prox pro, Alpha3 ANDROID, PRO2, профессиональный аппарат для эпиляции AMUR-X, лазеры с компрессором на фреоне key laser 940/800/755/1064 нм k18, кей лазер k20, k19, k21, k800, k22, k106+, k680, k690, K650, k630+, k630, K808, K810, K808pro, k6, k7, k8, k9, k11, Neo Laser Diode, диодные лазеры с анализатором кожи new android untlaser, adss fg2000b. fg2000d, Восстановительные работы на ручке диодного лазера для удаления волос Ozero Khanka Pioneerpve2020, fg2000d+, ozero khanka ok01, pioneer. Также в наличии запасные части для косметологических аппаратов, производства HT, HR, DVS, LST, HD, COE, HPL, ремонт диодных лазеров и их ручек, Обслуживание лазеров производителя STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и другие. Ремонт диодного стека и ручки лазера с длиной волны 808 нм.

2. Ремонт и замена диодного стека на лазерах 808 нм производителя STELLE LASER: DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и других моделей.
3. Техническое обслуживание лазеров от STELLE LASER: DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A2\*50W, HR10800, 800w, 16\*50W, HR10600, 600w, 6\*100w, HR10800, 800w, 8\*100w, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01-A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, GTHM-300, GTHM-500, GTHM-600, DVS-1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD-500W, (DVS-500AI), D , APDL-2B, ADL-5, LD-5, LD-2, ALD-2, включая апгрейд диодного стека и ремонт ручки лазера с волновой длиной 808 нм.
4. Восстановление функциональности лазеров производителя STELLE LASER с использованием длины волны 808 нм, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и др. Ремонт диодного стека и ручки.
5. Замена диодного стека и сервисное обслуживание лазеров STELLE LASER 808 нм моделей DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и других моделей.
6. Обслуживание лазеров 808 нм производителя STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт и апгрейд диодного стека, восстановление ручки лазера.
7. Ремонт лазеров с длиной волны 808 нм производителя STELLE LASER: DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и других моделей. Замена диодного стека, восстановление ручки.
8. Техническое обслуживание лазеров 808 нм от производителя STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт и подмена диодного стека, а также ручки лазера.
9. Обновление лазеров производителя STELLE LASER с волной 808 нм, в том числе моделей DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и других. Замена диодного стека, ремонт ручки лазера.
10. Ремонт лазерной техники производителя STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2, с длиной волны 808 нм. Восстановление диодного стека и ручки лазера.
11. Замена диодного стека и техническое обслуживание лазеров производителя STELLE LASER с длиной волны 808 нм, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и другие. Ремонт ручки лазера.
12. Ремонт лазерной техники от STELLE LASER с использованием длины волны 808 нм на примере моделей DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S и других. Замена диодного стека, подробное техническое обслуживание.
13. Техническое обслуживание лазеров производителя STELLE LASER, модели DPL-4C, DPL-4B, ALD-1, LD-6, DVS-1010AI, HT10500, LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST-L-1016BAI, MLJK, L-3334BAS, L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012A COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, 1200w, 12\*100w, HR11600, 1600w, 16\*100w, LST-3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, DVS-1007AI, DVS-1010AI, LST-1006AI, LST-1005AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L-1016AI.DVS-L-1012BAI, DVS-L-1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI, LT-13CH001200N, COE-22V, DVS-L-2408BA APQ-1S, DPL-4A, APDL, включая ремонт и замену диодного стека и ручки лазера с длиной волны 808 нм.
14. Восстановление лазеров 808 нм от компании STELLE LASER, в том числе моделей DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт диодного стека и ручки лазера.
15. Ремонт и замена диодного стека на лазерной технике производителя STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт ручки лазера 808 нм.
16. Обслуживание лазерных устройств с длиной волны 808 нм от STELLE LASER, включая модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Замена диодного стека, ремонт лазерной ручки.
17. Ремонт лазеров производителя STELLE LASER: модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2 с использованием длины волны 808 нм. Замена диодного стека и ремонт ручки.
18. Восстановление функциональности лазеров производителя STELLE LASER с использованием 808 нм, в том числе DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт диодного стека и ручки лазера.
19. Техническое обслуживание и ремонт лазеров STELLE LASER с длиной волны 808 нм (модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2), включая замену диодного стека и ремонт лазерной ручки.
20. Замена диодного стека и обслуживание лазеров производителя STELLE LASER с использованием длины волны 808 нм - модели DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2. Ремонт ручки лазера.

обслуживание лазерных эпиляторов, запчастей для неодимового лазера nd:yag, водяные фильтры для



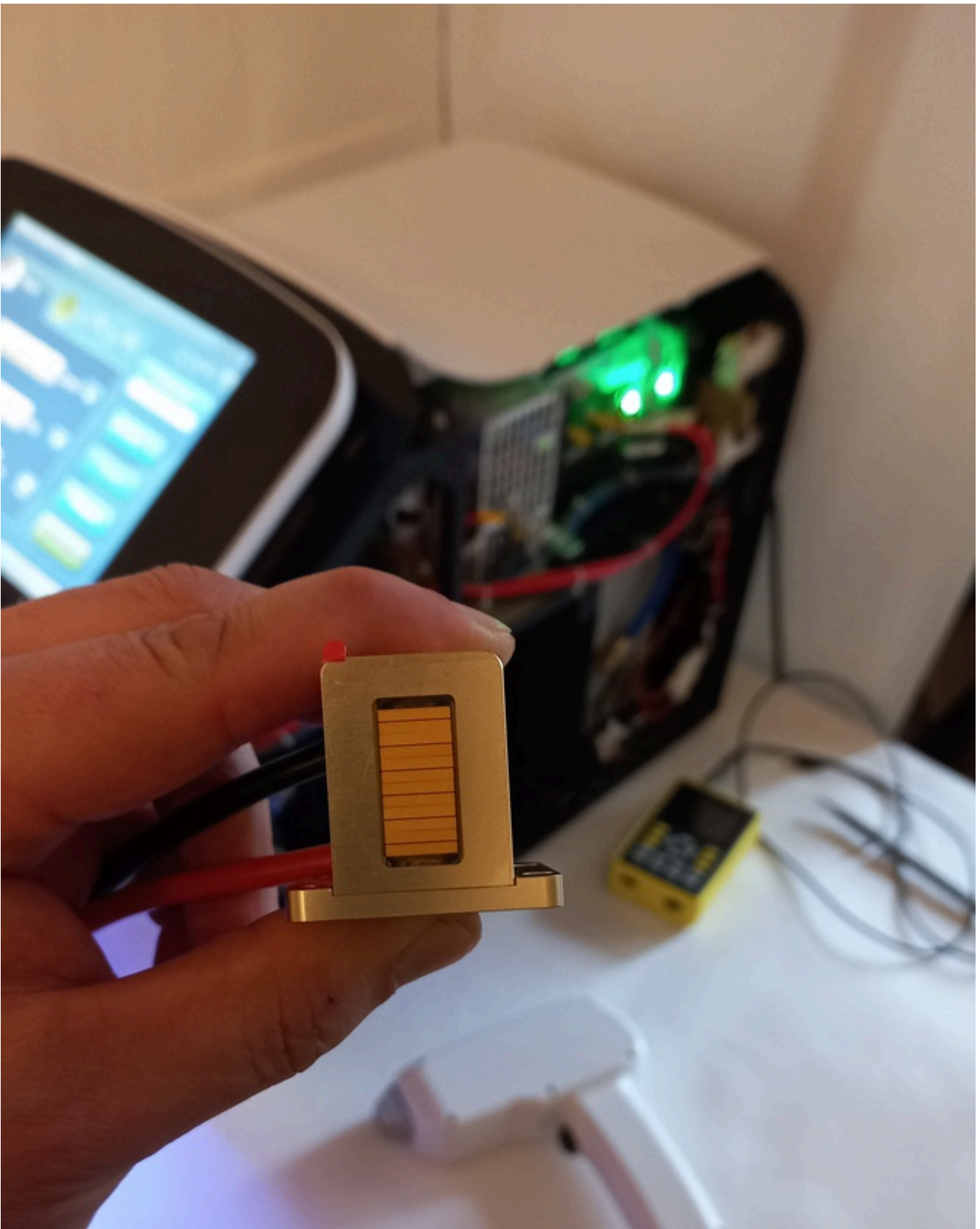
диодного лазера, ксеноновые лампы для аппаратов фотоэпиляции elos, ipl. Кроме того, представлены диодные стеки 808 нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт. LST-L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS-1005AI, LAS-1008AI, LAS-1010AI, LAS-L-1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600w, 1VS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, 500W, 10bars, DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, диодный стек 808nm, диодная матрица 808 нм, 810nm, лазерный излучатель ручки лазера для удаления волос, диодная матрица 808nm, диодная сборка, лазерный модуль манипулы косметологического лазера, диодный стэк 755/808/1064 нм, замена стека, лазерного бара в ручке диодных лазеров лазерной эпиляции. Частые проблемы: сгорел диодный стек, появились черные точки на диодном стекке, бар поплыл, как выглядят лазерный бар, 50, 100 ватт, проверка работоспособности лазерного модуля, как проверить ручку лазера для эпиляции, размеры диодного стека, как определить мощность ручки диодного лазера, какой ресурс диодной матрицы 808nm, замена стека в баре, восстановление диодного стека, перепайка баров в диодной матрице, как поменять диодную сборку 800nm, оптовая продажа диодных стеков, лазерных баров для ручек диодных лазеров, проверкаHR10500, S

## Repair of ADSS FG2000B, FG2000D lasers, laser stack, ADSS laser malfunctions (/remont-lazerov/320-remont-lazerov-adss-fg2000b-fg2000d-lazernyj-stek-neispravnosti-lazera-adss.html)

## Repair of ADSS FG2000B, FG2000D lasers, 500, 600 watt pen laser stack, ADSS laser faults, spare parts and components.

If you need advice, then go to what's app what's app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send?phone=%2B79180110234&text&type=phone_number&app_absent=0)).

In the photo below is 1 of the ADSS diode laser power options of 600 watts. In older models it costs 500 watts. Examples will be below.



The photo shows the moments of repair of the ADSS hair removal laser. The photo shows an old-style device with an elongated handpiece. The handle contains a diode stack with a power of 500 or 600 watts.

There are 1, 2 or 3 waves. The device itself is very reliable. I note that the device has a thermal water system cooling, which prolongs the operation of the diode matrix.

The adss fg2000b handles contain a 500 or 600 watt macro channel diode array. These parts are on sale and in stock.

**WHEN PURCHASING A DIODE STACK - REPLACEMENT IS FREE OF CHARGE IF YOU SEND A HANDLE.**



The main malfunctions of the ADSS FG2000B, FG2000D lasers:  
- the plastic housing of the ADSS laser handle is cracked. My recommendation is to replace it with a new one, since dirt can get in through the cracks, which, due to the formation of soot, can ruin the diode stack.

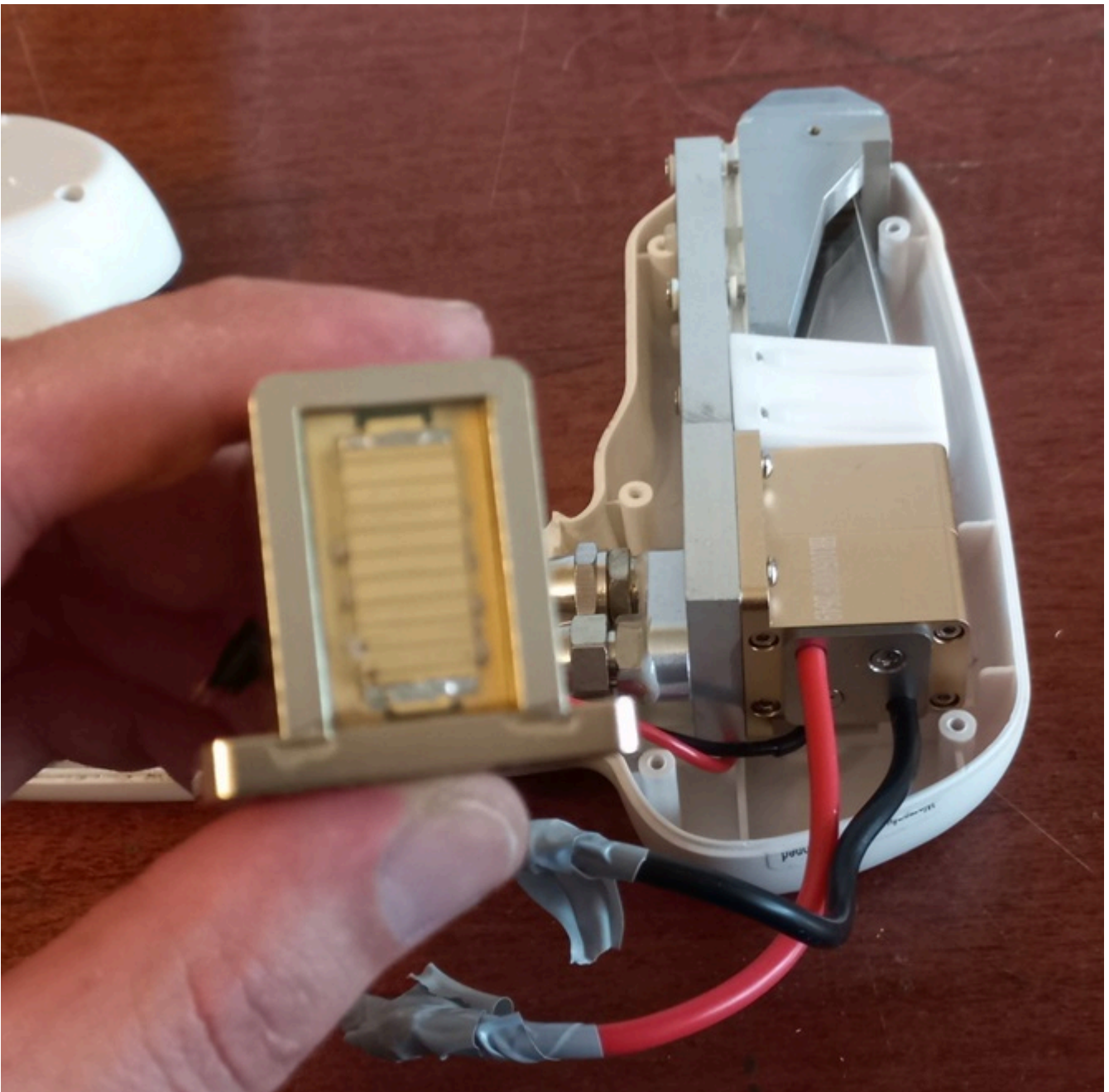
**THE DIFFERENCE BETWEEN THE PLASTIC HANDLE BODY AND THE BODY ASSEMBLY (STACK) IS MORE THAN 10 TIMES.**

Therefore, you should not save on this.

- **the diode stack burned out** (black dots on the diode matrix, all bars do not light up). How to properly replace it with a new one. In ADSS there are stacks of 500, 600, 1200, 1600 watts.



The photo shows the already replaced laser module of the ADSS diode laser handle.

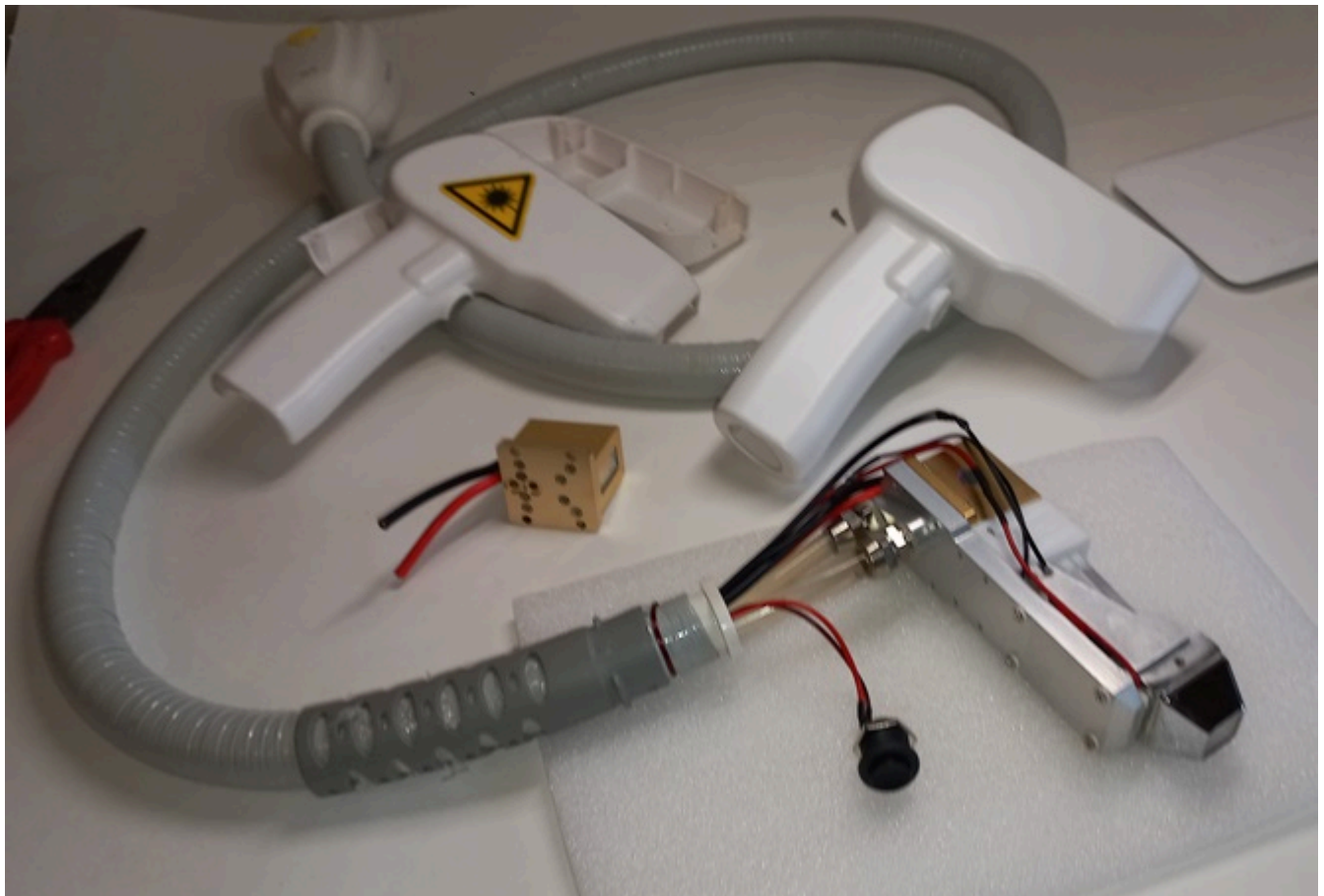


This is what the menu looks like in the old version of the adss fg2000b diode laser.



Repair of adss diode lasers and their handles, maintenance of laser epilators for hair removal. You can consult on replacing the diode matrix.

Repair in the cities of Krasnodar, Moscow, Kazan and others.



This is what a 500 watt 10 bar stack looks like, which was replaced with a new one.



**ADSS F (mailto:FG@) G2000B diode laser pen structure :**

- plastic handle body (if cracked, I recommend replacing it with a new one.

**The photo below shows a filter for water purification of the ADSS diode laser ADSS FG2000D FG2000D .**  
Changes once every 3 months.

**link to** youtube (<https://www.youtube.com/shorts/4GrvMS-VTHo>) .



**The photo below shows the plastic housing of the handle, the handpiece of the ADSS FG2000D FG2000D diode laser .**

**link to** youtube (<https://www.youtube.com/shorts/BFU26oSr4NQ>) .



**The photo below shows the plastic housing of the handle, the handpiece of the ADSS FG2000D FG2000D diode laser .**

**link to** youtube (<https://www.youtube.com/shorts/BFU26oSr4NQ>) .





In the photo below is a plastic pen holder, handpiece for the ADSS FG2000D FG2000D diode laser .

link to youtube (<https://www.youtube.com/shorts/rqTnxmo-DMs>) .



The photo below shows the fitting of the handle, handpiece of the ADSS FG2000D FG2000D diode laser . The same one is used for filling water.

link to youtube (<https://www.youtube.com/shorts/gpC8XvgOTgl>) .



The photo below shows the prism of the handle, the handpiece of the ADSS FG2000D FG2000D diode laser . For the handle as in the photo below, there are 2 length options. Need exact size before ordering.

link to youtube (<https://www.youtube.com/shorts/y2R3EZfp5oE>) .



На фотографии ниже элементы Пельтье ручки, манипулы диодного лазера адсс ADSS FG2000D FG2000D нового образца. Если ручка диодного лазера перестала охлаждать - одна из причин выход элементов Пельтье. Так же во время ТО раз в год следует менять термопасту. В ручке 1200 ватт стоит элемент Пельтье чуть большего размера.

ссылка на youtube (<https://www.youtube.com/shorts/iwtitl53bf8>) .



На фотографии ниже элементы Пельтье ручки, манипулы диодного лазера адсс ADSS FG2000D FG2000D старого образца. Если ручка диодного лазера перестала охлаждать - одна из причин выход элементов Пельтье. Так же во время ТО раз в год следует менять термопасту.

ссылка на youtube (<https://www.youtube.com/shorts/cEBQhFVTdZl>) .



На фотографии кнопки для ручки аппарата фото эпиляции dflaser, pve2020 производителя косметологического оборудования в Китае компании ADSS.

ссылка на youtube (<https://www.youtube.com/shorts/wGgJzZn8u5U>) .

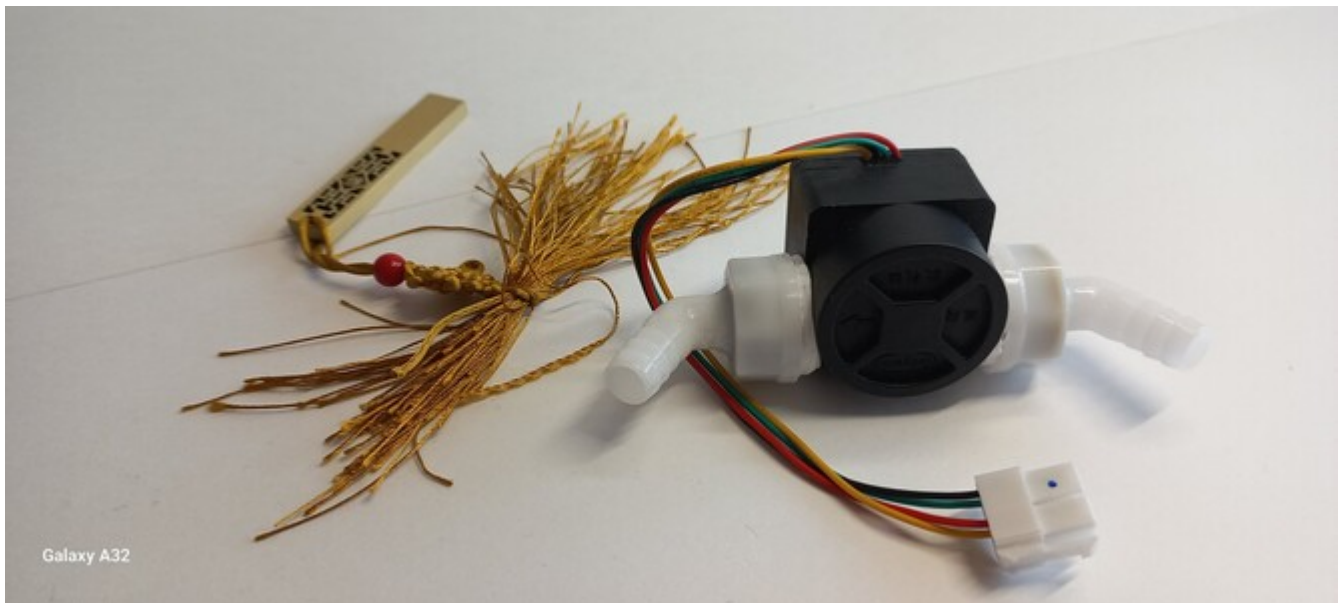


На фотографии ниже пластиковый ключ, для откручивания колбы отсека диодного лазера адсс ADSS FG2000D FG2000D. Сам производитель рекомендует иметь 2 ключа в наличии.

ссылка на youtube ([https://www.youtube.com/shorts/hulpqmqmLmE\\_4](https://www.youtube.com/shorts/hulpqmqmLmE_4)) .



На фотографии ниже датчик скорости и температуры диодного лазера адсс ADSS FG2000D FG2000D.  
ссылка на youtube (<https://www.youtube.com/shorts/v0ARzaLSnHw>) .



На фотографии ниже ручка диодного лазера адсс fg2000b, fg2000d 600 ватт.  
ссылка на youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



На фотографии ниже пластиковый корпус ручки, манипулы диодного лазера адсс ADSS FG2000D FG2000D.

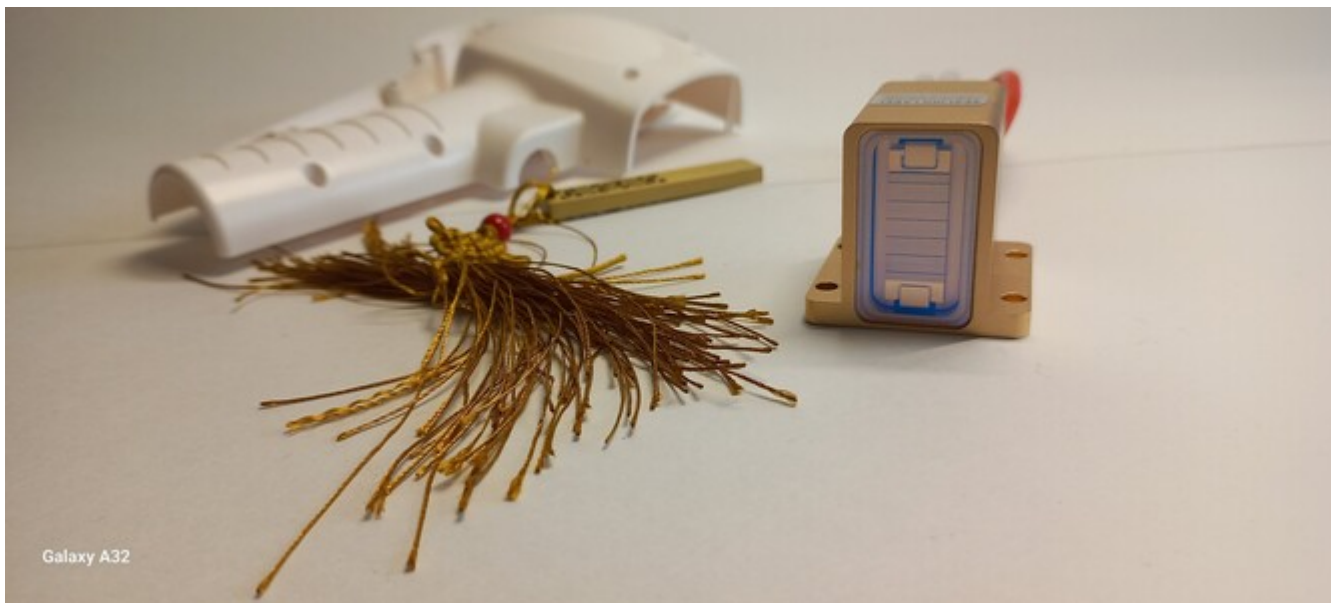
ссылка на youtube (<https://www.youtube.com/shorts/26gWDY5vr8c>) .



- диодный стек 808нм ( 1, 2 и 3 волны в данных аппаратах)

**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 600 ватт 6 бар , лазерный излучатель, диодный стек 600 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 600 ватт адсс amur-x . Данный стек пригоден для лазера adss fg2000b, fg2000d.

ссылка на youtube (<https://www.youtube.com/shorts/tyOmfxwSQo>) .

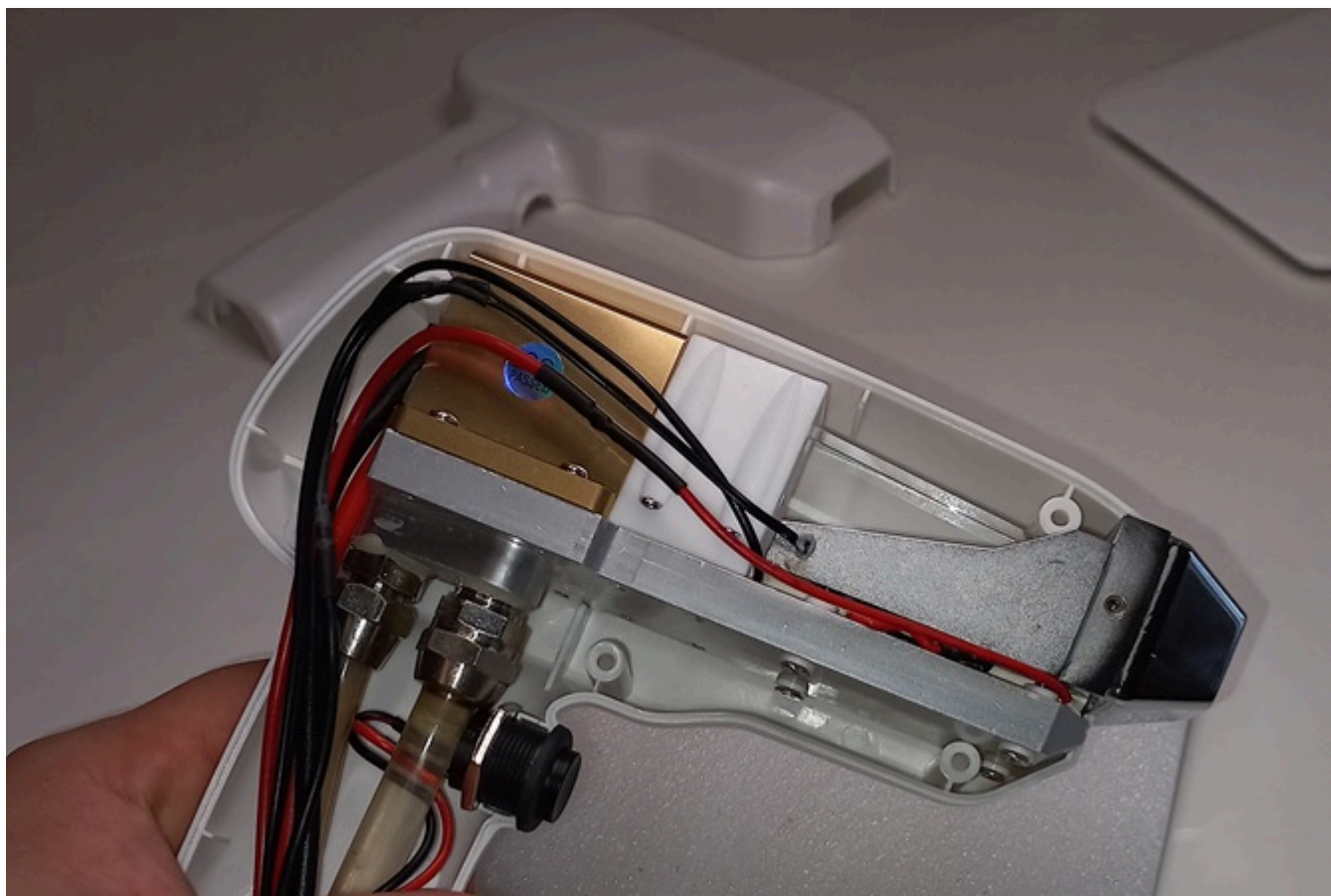


**На фотографии ниже запчасти для ручки диодного лазера:** лазерный бар 500 ватт 10 бар , лазерный излучатель, диодный стек 500 ватт производителей LST, DVS, HT, COE, HR. Макро канальная диодная матрица 500 вт 10 бар стоит в аппарат ozero khanka pioner, stelle laserDPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD-2), adss fg2000b.

ссылка на youtube (<https://www.youtube.com/shorts/phjvTEC-azA>) .



- элементы Пельтье ( в данной ручке 2 штуки).
- призма
- защитное стекло.





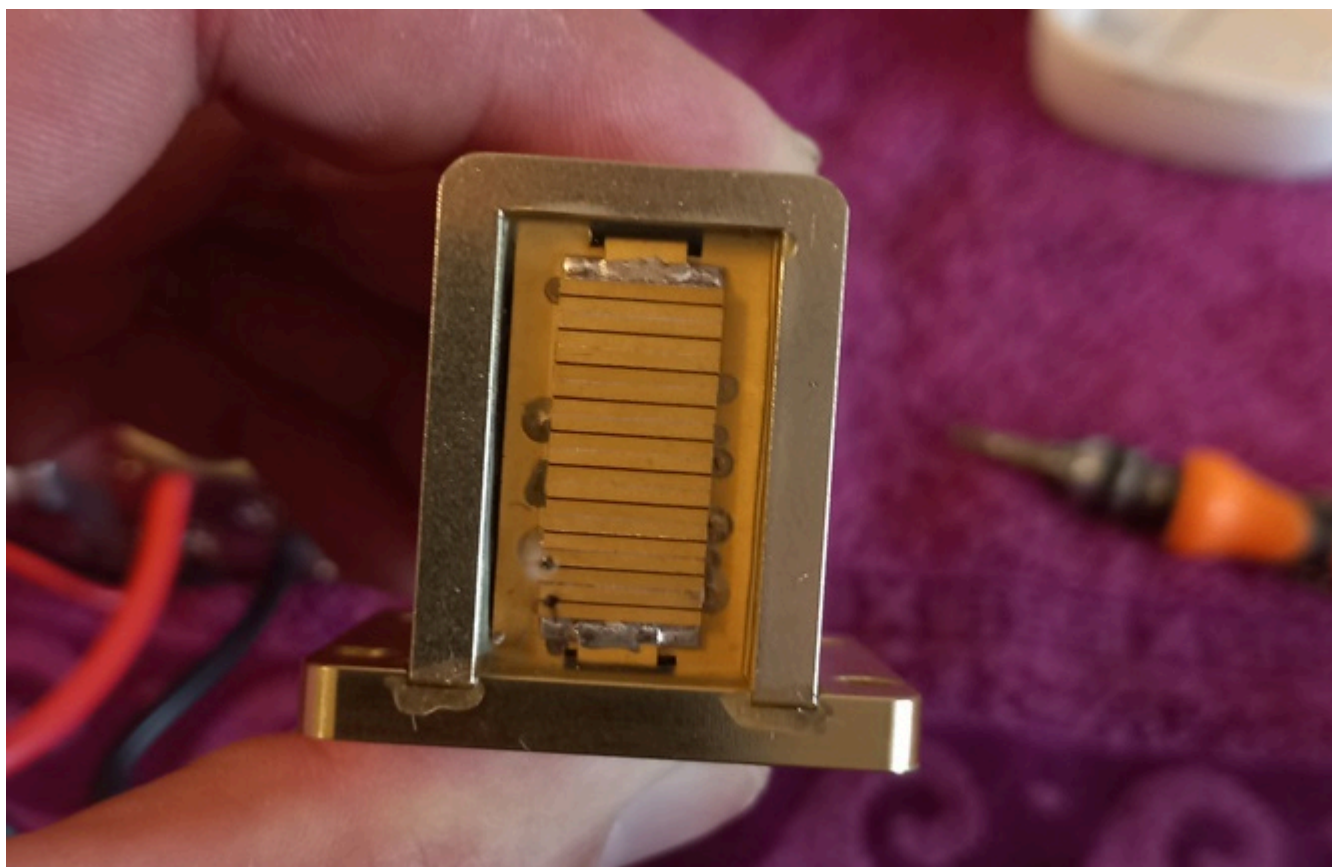
Моменты проверки сигнала напряжения на диодный стек 808nm в аппарате adss fg2000b. На фотографии можно увидеть осциллограф, который я использую для проверка работоспособности.







Новый диодный стек 500 ватт 10 бар.



Ремонт лазера ADSS FG2000B, FG2000D, лазерный стек ручки мощностью 500, 600 ватт, неисправности лазеров адсс, запасные части и комплектующие для лазеров производства адсс.



Блог, посвященный диодным лазерам 808 нм для удаления волос, подробный анализ лазерного оборудования для эпиляции. В нашем ассортименте представлены напольные и настольные диодные лазеры: android solution Pro, Prox pro, Alpha3 ANDROID, PRO2, профессиональный аппарат для эпиляции AMUR-X, лазеры с компрессором на фреоне key laser 940/800/755/1064 нм k18, кей лазер k20, k19, k21, k800, k22, k106+, k680, k690, K650, k630+, k630, K808, K810, K808pro, k6, k7, k8, k9, k11, Neo Laser Diode, диодные лазеры с анализатором кожи new android untlaser, adss fg2000b, fg2000d, Восстановительные работы на ручке диодного лазера для удаления волос Ozero Khanka Pioneerpve2020, fg2000d+, ozero khanka ok01, pioneer. Частые проблемы: сгорел диодный стек, появились черные точки на диодном стекле, бар поплыл, как выглядят лазерный бар, 50, 100 ватт, проверка работоспособности лазерного модуля, как проверить ручку лазера для эпиляции, размеры диодного стека, как определить мощность ручки диодного лазера, какой ресурс диодной матрицы 808нм, замена стека в баре, восстановление диодного стека, перепайка баров в диодной матрице, как поменять диодную сборку 800нм, оптовая продажа диодных стеков, лазерных баров для ручек диодных лазеров, проверкаHR10500, DVS-1010AI, HT10500, LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST-L-1016BAI, MLJK, L-3334BAS, L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012A COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, 1200w, 12\*100w, HR11600, 1600w, 16\*100w, LST-3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, DVS-1007AI, DVS-1010AI, LST-1006AI, LST-1005AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L-1016AI.DVS-L-1012BAI, DVS-L-1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI, LT-13CH001200N, COE-22V, DVS-L-2408BASTакже в наличии запасные части для косметологических аппаратов, производства HT, HR, DVS, LST, HD, COE, HPL, ремонт диодных лазеров и их ручек, обслуживание лазерных эпиляторов, запчасти для неодимового лазера nd:уаg, водяные фильтры для диодного лазера, ксеноновые лампы для аппаратов фотоэпиляции elos, ipl. Кроме того, представлены

диодные стеки 808 нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт. LST-L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS-1005AI, LAS-1008AI, LAS-1010AI, LAS-L-1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600w, 12\*50W, HR10800, 800w, 16\*50W, HR10600, 600w, 6\*100w, HR10800, 800w, 8\*100w, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01-A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, GTHM-300, GTHM-500, GTHM-600, DVS-1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD-500W, (DVS-500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, 500W, 10bars, DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, диодный стек 808нм, диодная матрица 808 нм, 810нм, лазерный излучатель ручки лазера для удаления волос, диодная матрица 808нм, диодная сборка, лазерный модуль манипулы косметологического лазера, диодный стек 755/808/1064 нм, замена стека, лазерного бара в ручке диодных лазеров лазерной эпиляции.

## Repair of Ozero Khanka Pioneer diode laser. 500 watt stack replacement. (/remont-lazerov/319-remont-diodnogo-lazera-ozero-khanka-pioneer-zamena-steka-500-vatt.html)

## Repair of 808nm diode laser pen for hair removal Ozero Khanka Pioneer. Replacing a 500 watt 10 bar diode stack in the Lake Khanka manipulator. Tips for working with the Ozero Khanka device, spare parts for the Ozero Khanka.

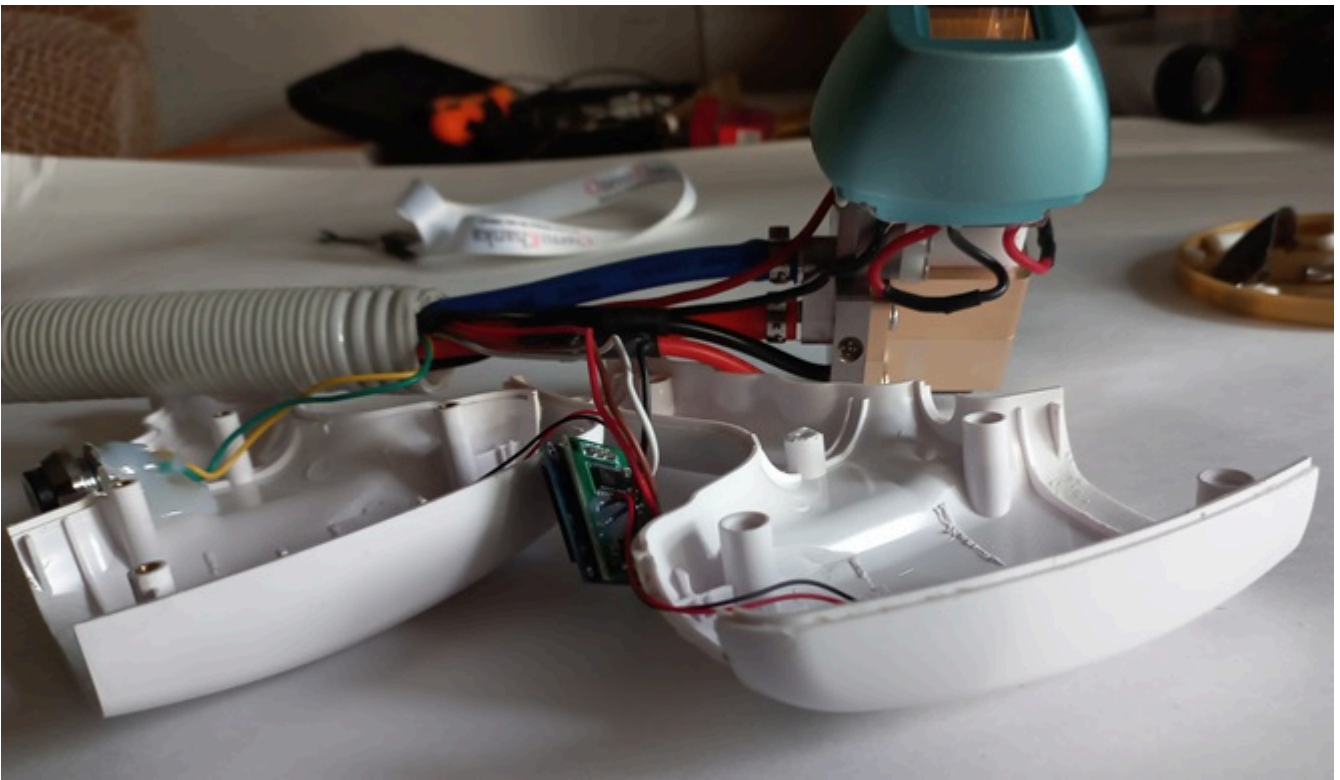
The photos below show moments from the renovation of Ozero Khanka. This device has a 500-watt emitter (which contradicts the marketing stories of sellers talking about 800 or even worse, 1600 watts).

This device has 500 watts 10 bar and 1 wavelength 808nm.

**If you need advice** , then go to whats app whats app ([https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone\\_number&app\\_absent=0](https://api.whatsapp.com/send/?phone=%2B79180110234&text&type=phone_number&app_absent=0)) .



During the repair of the Pioneer laser, the diode stack was replaced, the system was cleaned of dust, and the signal to the diode matrix was checked for serviceability using an oscilloscope. Since there is 10 bar, the maximum voltage will be no more than 18 volts. Checking the signal handicap allows you to assess the health of the electronic boards inside the diode laser.

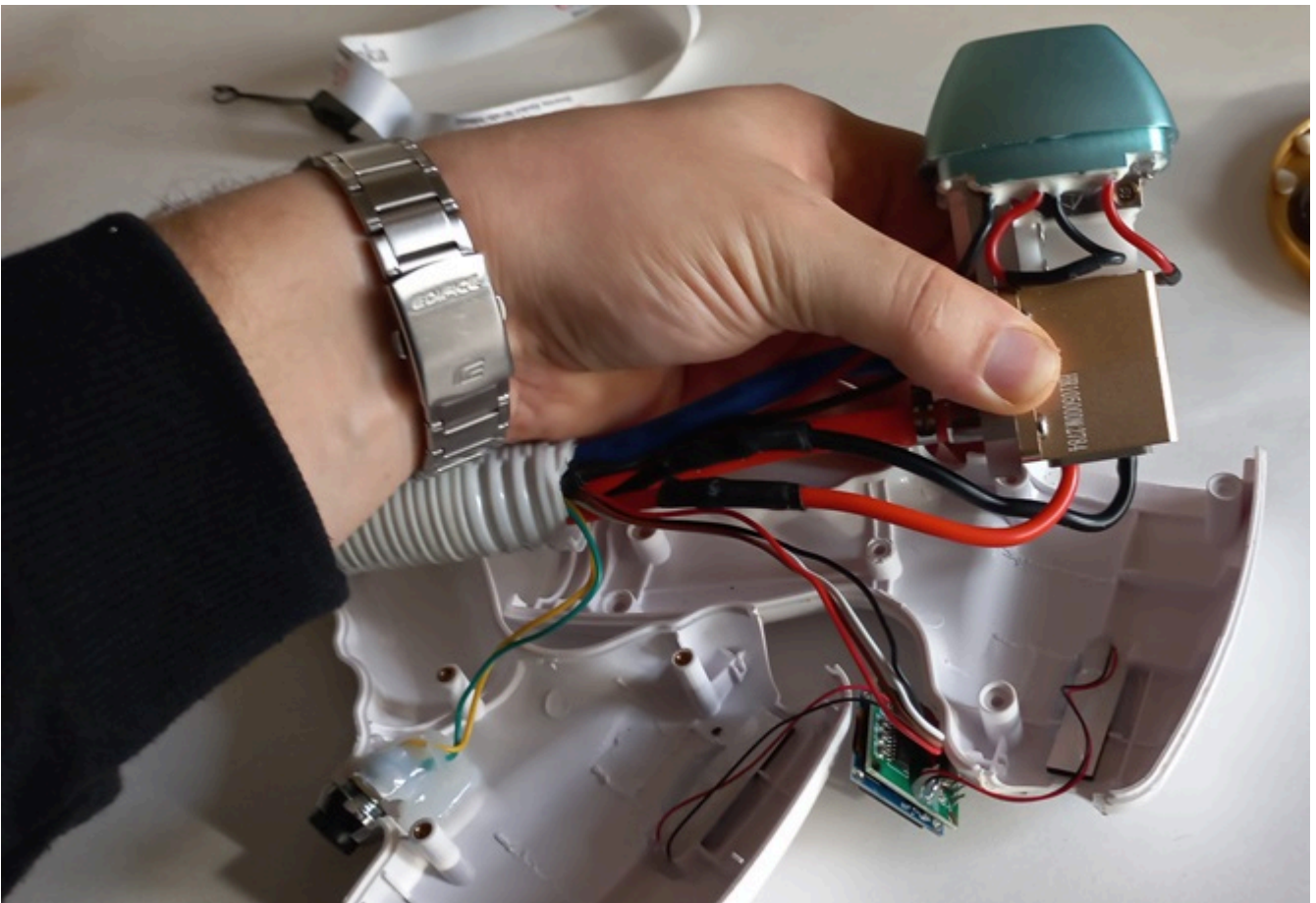


The photo below shows the process of checking a signal with an oscilloscope.

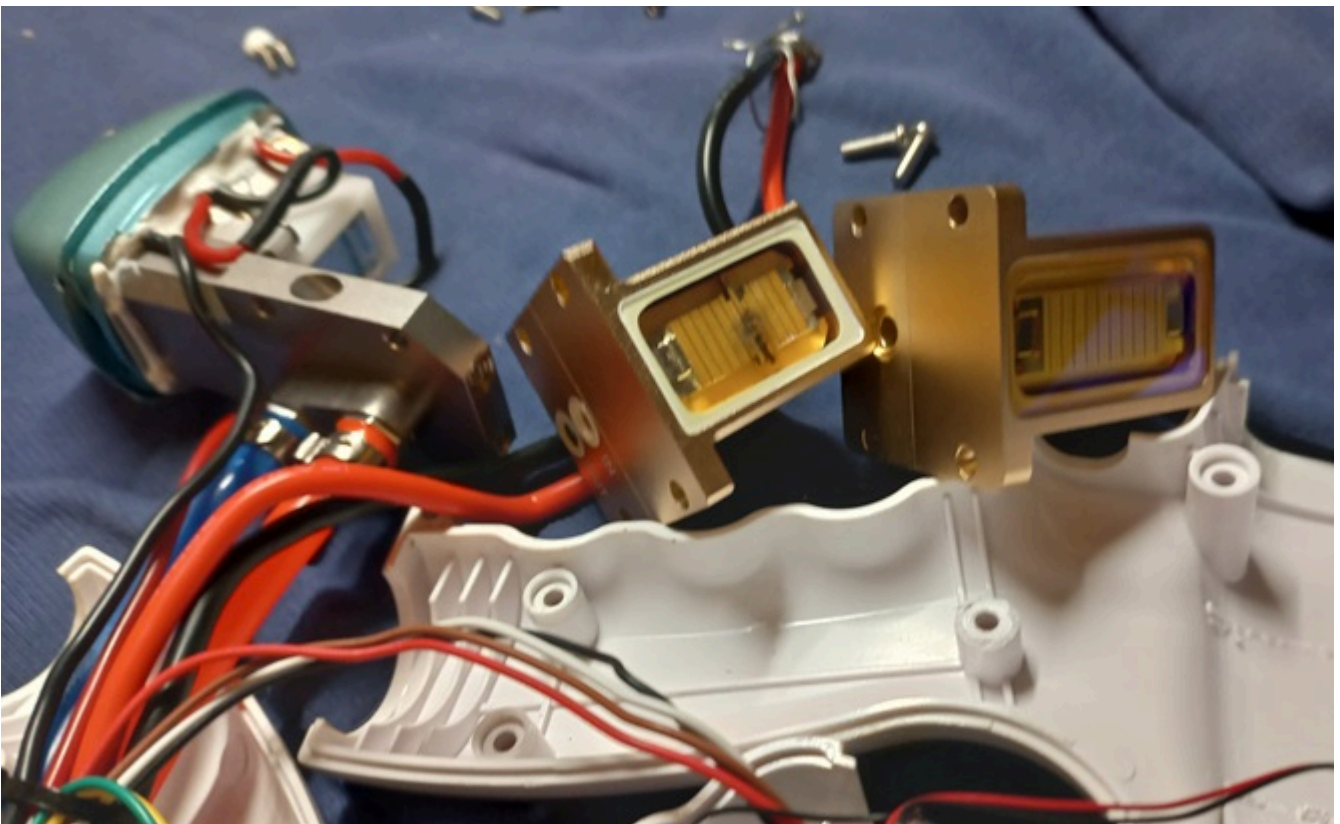


When replacing a diode stack, you need to be careful and I recommend sending the pens to me when purchasing laser stacks from me.

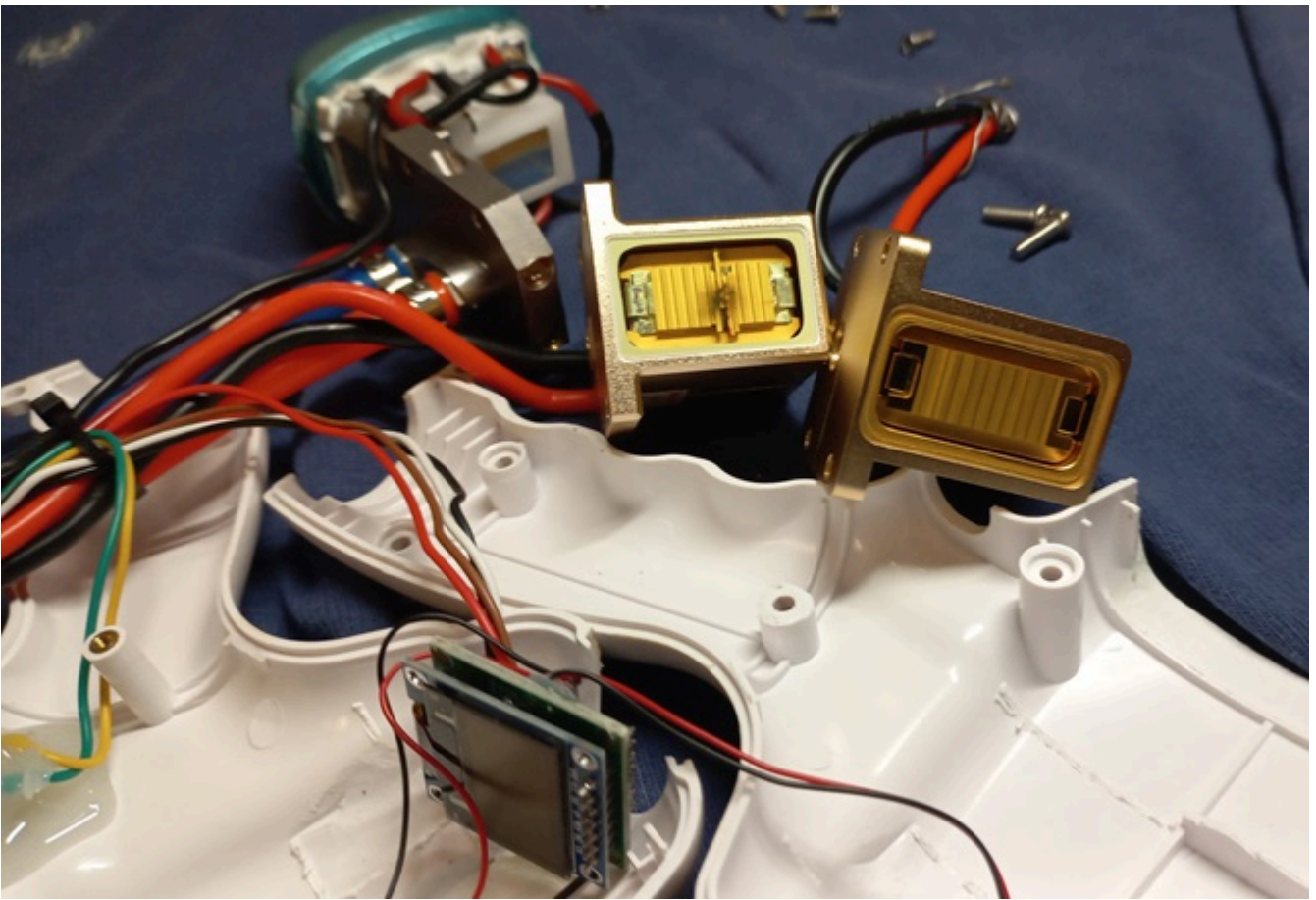
**WHEN PURCHASING A STACK - REPLACEMENT IS FREE FOR CLIENTS. P/S in Russia 5-10 thousand such work.**



The photo below compares the new and burnt stack. It can be seen that in the old one several bars simply “floated” due to overheating.



Not everyone knows, but **YOU NEED TO CHANGE THE FILTER ONE TIME EVERY 3 MONTHS.**



This is what the ozero knanka electronic board looks like.



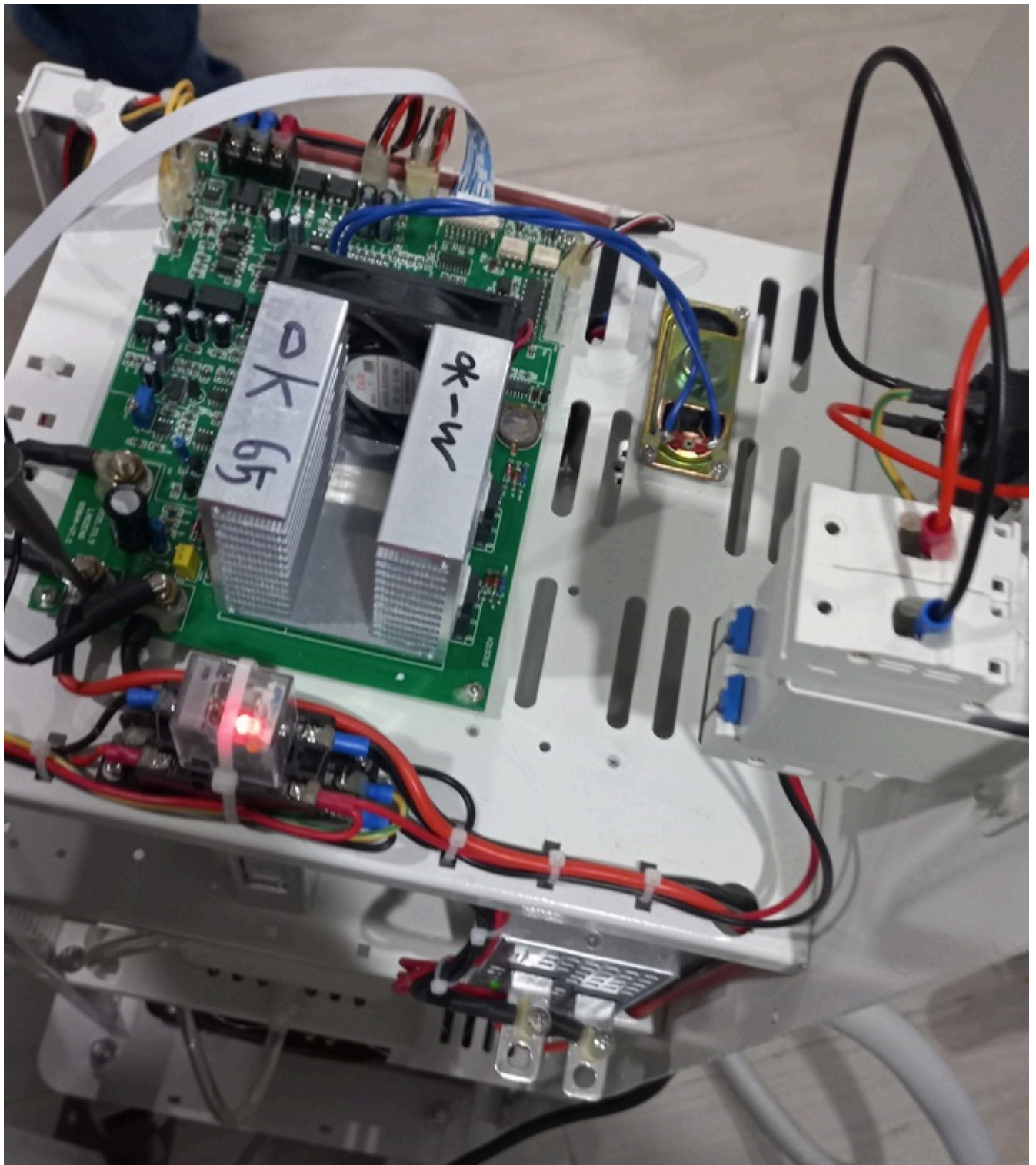
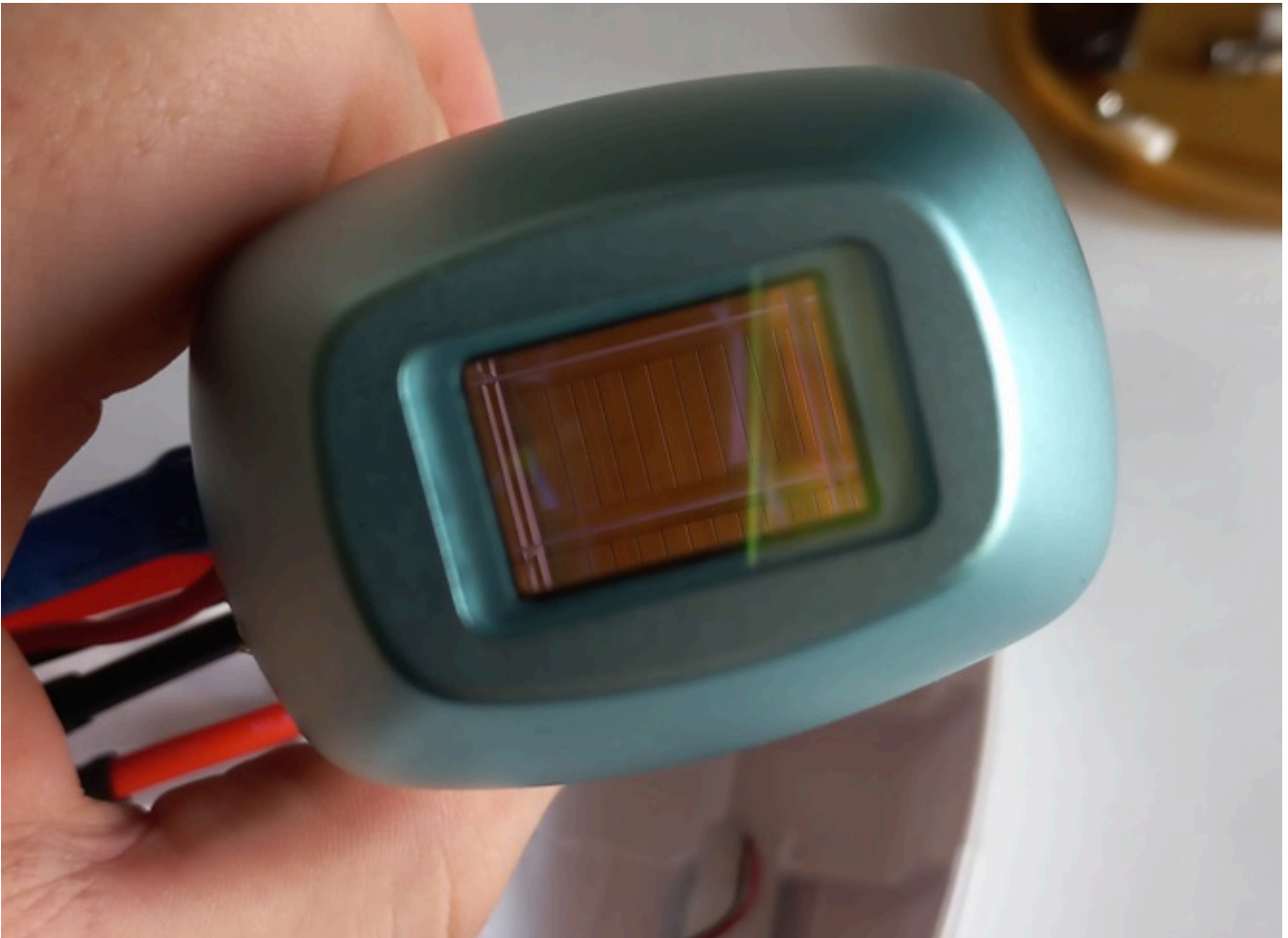
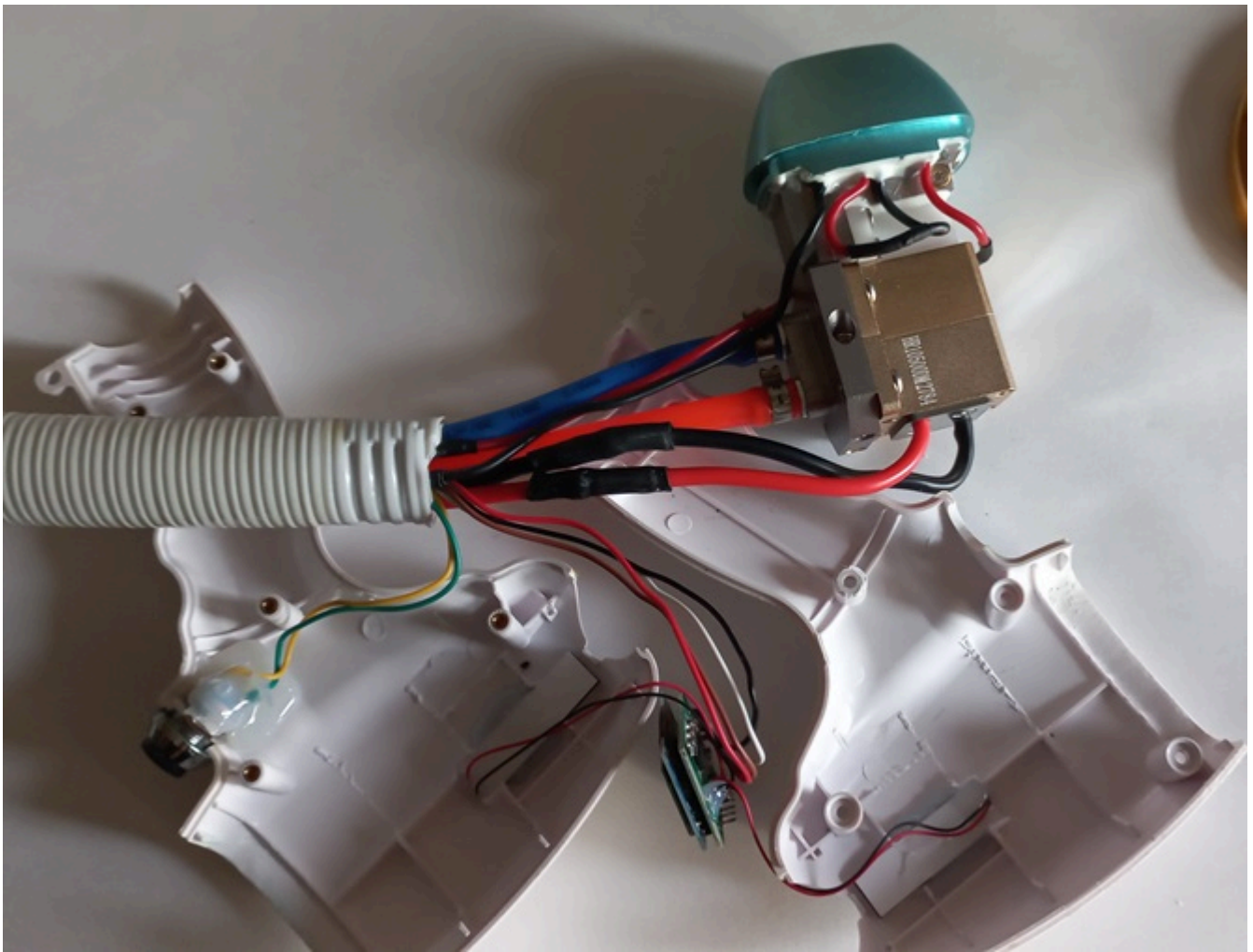




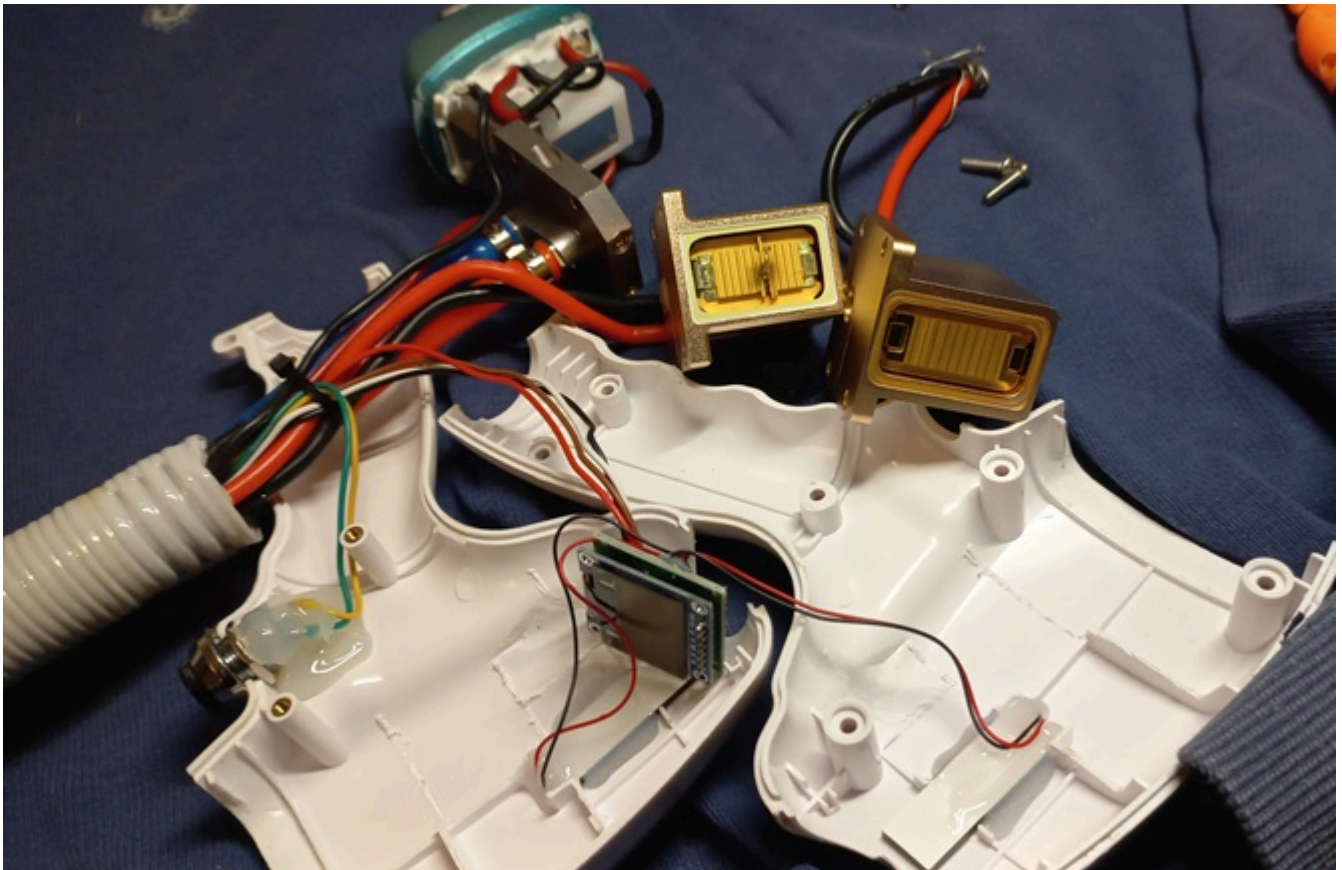
Photo of the new 500 watt stack already installed in the Lake Khanka laser pen.

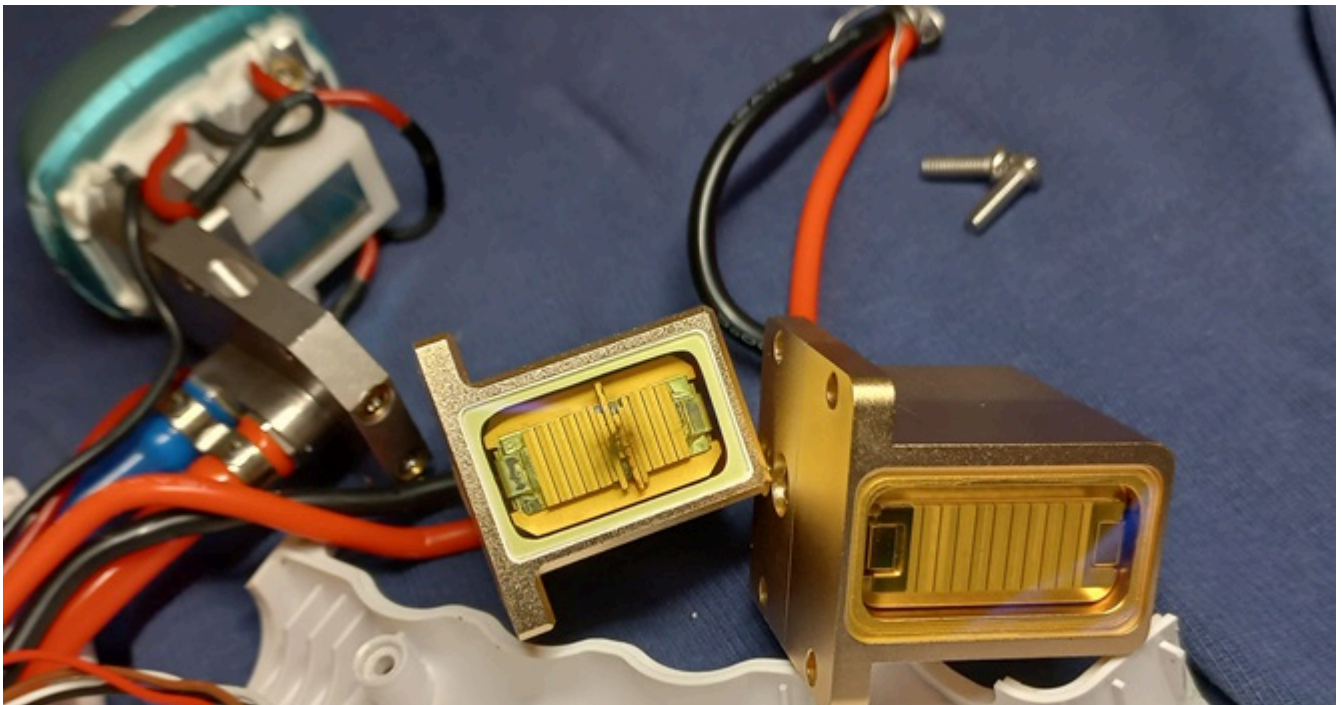


500W diode stack upgrade for Ozero Khanka Pioneer hair removal laser. Repair of diode laser handle for hair removal with wavelength 808 nm.



Maintenance of the Ozero Khanka Pioneer diode laser for hair removal with a wavelength of 808 nm. Replacing the 500W diode stack on the Ozero Khanka Pioneer diode laser for hair removal





The photo below shows a macro channel diode matrix, diode assembly for a pz laser device with a power of 500 watts 10 bar.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a spare membrane for a diode laser pump from Honkon, ozero khanka, keylaser and others. A common problem is dripping from under the water pump of diode lasers.

**link to** youtube (<https://www.youtube.com/shorts/v-AhmTk7L04>) .



**In the photo below there are spare parts for a diode laser pen** : laser bar 350 watt 7 bar and there is 400 watt 8 bar, laser emitter, diode stack 350 watt LST, DVS, HT, COE, quite a rare model.

**link to** youtube (<https://www.youtube.com/shorts/dGY18tfxG0w>) .



**In the photo below are spare parts for a diode laser pen** : laser bar 600 watt 12 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt.

**link to** youtube (<https://www.youtube.com/shorts/EeBUqBhui34>) .



**In the photo below are spare parts for a diode laser pen** : laser bar 250 watt 5 bar, laser emitter, diode stack 250 watt LST, DVS, HT, COE, adss, HR, diode matrix 250 watt.

**link to** youtube ([https://www.youtube.com/shorts/oLf2w\\_TLwZg](https://www.youtube.com/shorts/oLf2w_TLwZg)) .



**На фотографии ниже запчасти для ручки диодного лазера**: лазерный бар 300 ватт 6 бар , лазерный излучатель, диодный стек 600 ватт LST, DVS, HT, COE, adss, HR, диодная матрица 300 ватт .

**ссылка на** youtube (<https://www.youtube.com/shorts/tyOmfxwSQo>) .



Блог, посвященный диодным лазерам 808 нм для удаления волос, подробный анализ лазерного оборудования для эпиляции. В нашем ассортименте представлены напольные и настольные диодные лазеры: android solution Pro, Prox pro, Alpha3 ANDROID, PRO2, профессиональный аппарат для эпиляции AMUR-X, лазеры с компрессором на фреоне key laser 940/800/755/1064 нм k18, кей лазер k20, k19, k21, k800, k22, k106+, k680, k690, K650, k630+, k630, K808, K810, K808pro, k6, k7, k8, k9, k11, Neo Laser Diode, диодные лазеры с анализатором кожи new android untlaser, adss fg2000b. fg2000d, Восстановительные работы на ручке диодного лазера для удаления волос Ozero Khanka Pioneerpve2020, fg2000d+, ozero khanka ok01, pioneer. Также в наличии запасные части для косметологических аппаратов, производства HT, HR, DVS, LST, HD, COE, HPL, ремонт диодных лазеров и их ручек, обслуживание лазерных эпиляторов, запчасти для неодимового лазера nd:уаg, водяные фильтры для диодного лазера, ксеноновые лампы для аппаратов фотоэпиляции elos, ipl. Кроме того, представлены диодные стеки 808 нм мощностью 200, 250, 300, 350, 500, 600, 800, 1000, 1200, 1600 ватт. LST-L-1010BAI, LST-L-3334BAS, LST-L-3255AS, LAS-1005AI, LAS-1008AI, LAS-1010AI, LAS-L-1010AI, LST-3255AS, HR10300, 300w, 6\*50W, HR10400, HD-8AA6-1600W, DVS-3888BAS, 7\*50W, HR10500, 500w, 10\*50W, HR10600, 600w, 12\*50W, HR10800, 800w, 16\*50W, HR10600, 600w, 6\*100w, HR10800, 800w, 8\*100w, COE-VA01-A12C-0600QCW, DVS-ML-1008BAI, COE-VA01-A12C-600QCW, COE-VA01-A12C-500W, COE-VA01-B12E-0600QCW, COE-VA01-B36E-0600QCW, GTHM-300, GTHM-500, GTHM-600, DVS-1010AI, DVS-L-1012BAI, DVS-L-1008BAI, HPL, 500w, HD-8280-D16, HD-K280-D16, COE-VA01-A12C-500W, HD, HD-8A48-D08B, 808-HD-500W, (DVS-500AI), DVS-MS-1003BAI, DVS-1010HAI, DVS-MS-1005BAI, DVS-ML-1012BAI, DVS-ML-1008BAI, 500W, 10bars, DVS-1012AI, 600W, 12bars, 808nm, GTHM-800, 300W, 500W, 600W, 800W, 1000W, dvs-1010ai, dvs-1012ai, dvs-1016ai, HPL500, LT-0016, диодный стек 808нм, диодная матрица 808 нм, 810нм, лазерный излучатель ручки лазера для удаления волос, диодная матрица 808нм, диодная сборка, лазерный модуль манипулы косметологического лазера, диодный стэк 755/808/1064 нм, замена стека, лазерного бара в ручке диодных лазеров лазерной эпиляции. Частые проблемы: сгорел диодный стек, появились черные точки на диодном стекке, бар поплыл, как выглядят лазерный бар, 50, 100 ватт, проверка работоспособности лазерного модуля, как проверить ручку лазера для эпиляции, размеры диодного стека, как определить мощность ручки диодного лазера, какой ресурс диодной матрицы 808нм, замена стека в баре, восстановление диодного стека, перепайка баров в диодной матрице, как поменять диодную сборку 800нм, оптовая продажа диодных стеков, лазерных баров для ручек диодных лазеров, проверкаHR10500, DVS-1010AI, HT10500, LST-1010AI, LSR-1010AI, LSR-3334AS, LSR-3255AS, LSR-3444AS, COE-21V, HR10200, 200w, 4\*50W, HR10300, 250w, 5\*50W, LST-L-1010AI, LST-L-1016AI, LST-L-1016BAI, MLJK, L-3334BAS, L-3444ASMLKJ, LST-L-1012BAI, LST-L-1012A COE-VA01-A12C-0600QC, HR11000, 1000w, 10\*100w, HR11200, 1200w, 12\*100w, HR11600, 1600w, 16\*100w, LST-3222BAS, LST-3123AS, LST-3123AS, DVS-1003BAI, DVS-1007A, DVS-1010AI, DVS-1007AI, DVS-1010AI, LST-1006AI, LST-1005AI, LST-1010AI, LST-1012AI, LST-1006BAI, LST-1016AIDVS-1012AI, DVS-1010BAI, LAS-1004AI, LAS-1006AI, LAS-1008AI, LAS-L-1016AI.DVS-L-1012BAI, DVS-L-1016AI, DVS-L-3466BARS, DVS-L-3655BAS, DVS-L-1016BAI, DVS-L-1016BAI, DVS-L-3345BAS, DVS-L-1006BAI, LT-13CH001200N, COE-22V, DVS-L-2408BAS

**Replacing a 300 watt (6 bar) diode matrix in a diode laser.**  
(/remont-lazerov/260-zamena-diodnoj-matritysy-moshchnostyu-300-vatt-6-bar-v-diodnom-lazere.html)

**Replacing a 300 watt diode matrix in a diode laser.**  
**There were no flashes when pressing the button on the diode laser handle. New DVS 1006AL stack. Diode laser repair - Krasnodar, Moscow, Minsk.**

The photo below shows a handpiece (handle) from a Chinese-made diode laser.



The client complained that the diode laser stopped producing flashes. On the display of the diode laser, the flashes were counted, there was sound, but the most important thing was missing.

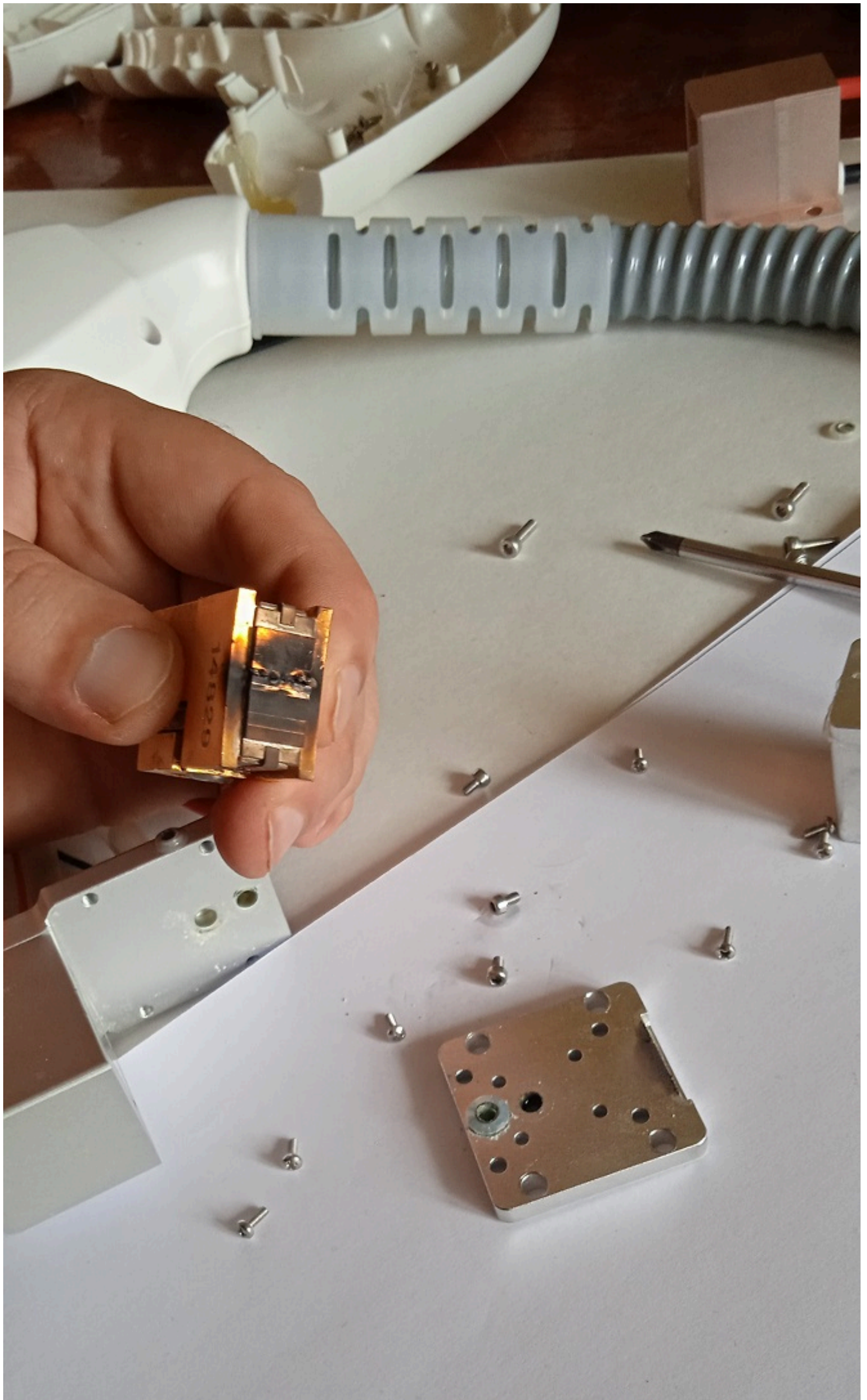


In this case, the laser bar in the diode stack burned out. Why could this happen!?

- the most important reason for the failure of a diode matrix is its overheating. In a diode laser, water cooling is of great importance.

To do this, the pump must be in working order, the water filters must be changed, and the water must be changed at least once a month.







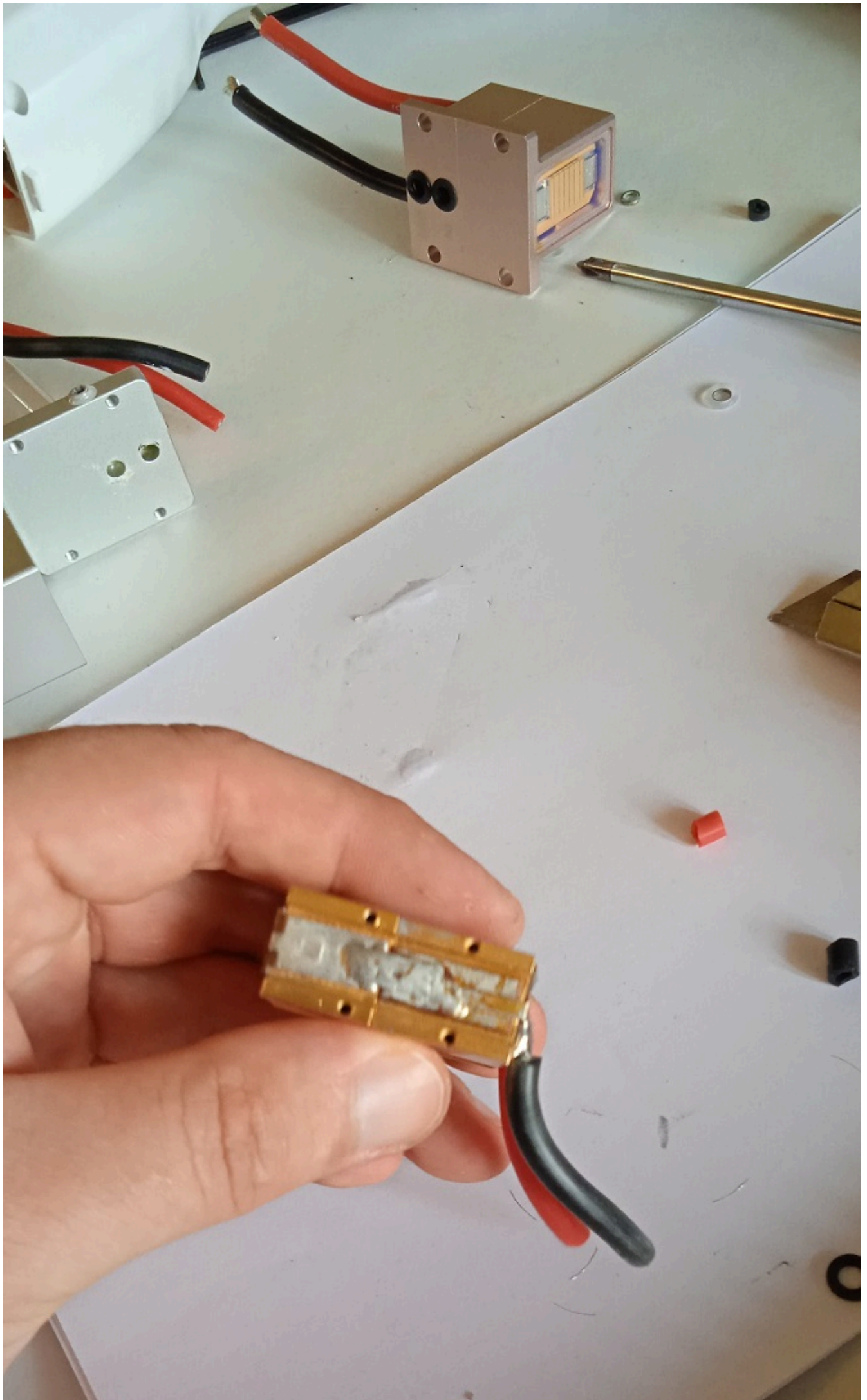
The handle was disassembled and it was discovered that the diode assembly had malfunctioned. The inscription on one side said the power was 300 watts. This was also confirmed by a visual inspection of the diode matrix.





It was decided to install a new 300-watt diode stack. I would like to note that I sell spare parts and components for diode lasers.

In the photo, I have already prepared a diode stack for soldering wires.



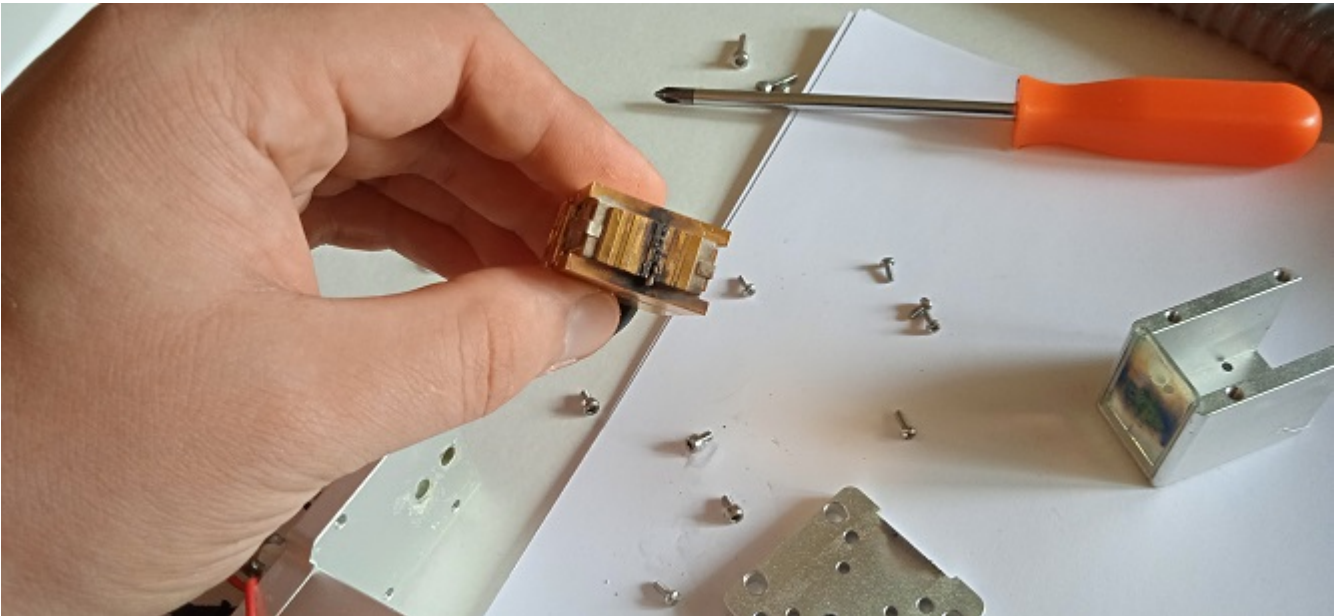


I would like to note that I offer diode assemblies from direct manufacturers, since I am a representative of a plant producing components for diode lasers.



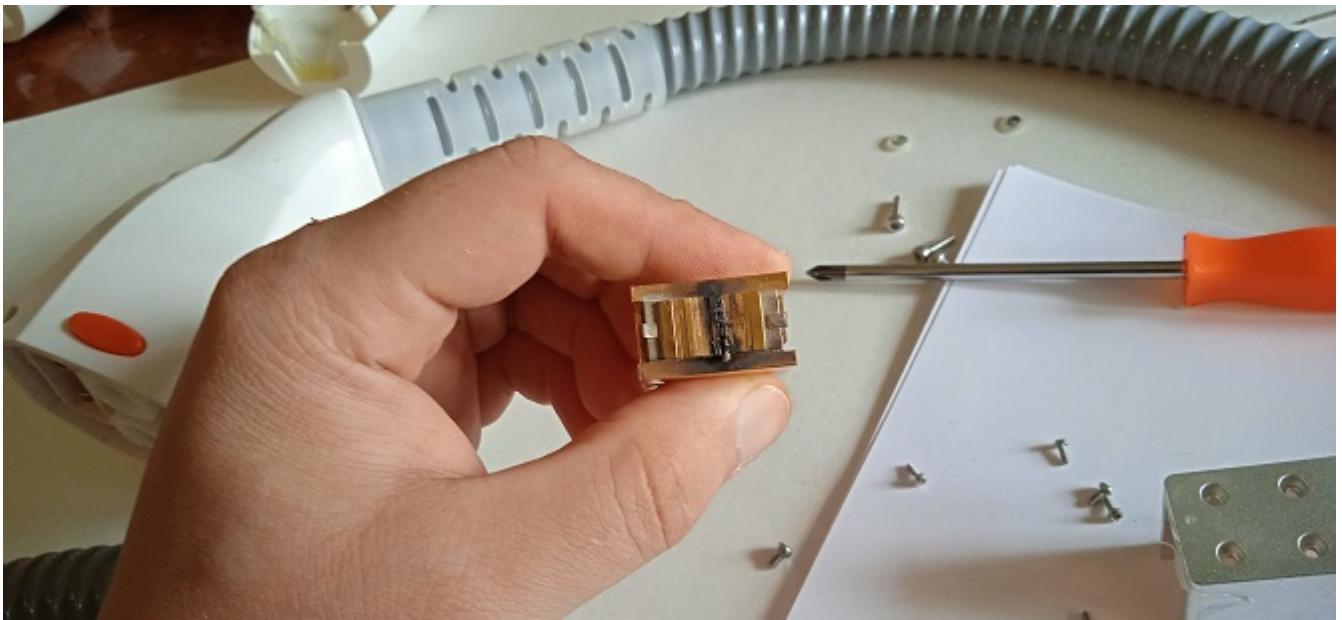


I came across diode assemblies (diode stacks) for repair: DVS 1010AL, HPL, HAOBEAUTY GTHM, ADSS, SEASUNLASER, HRI-500H, OE Photonics 808nm. There are also different numbers in the name of the diode stack. 485739702352238-5023952-9-32232. But it's more of a serial number.

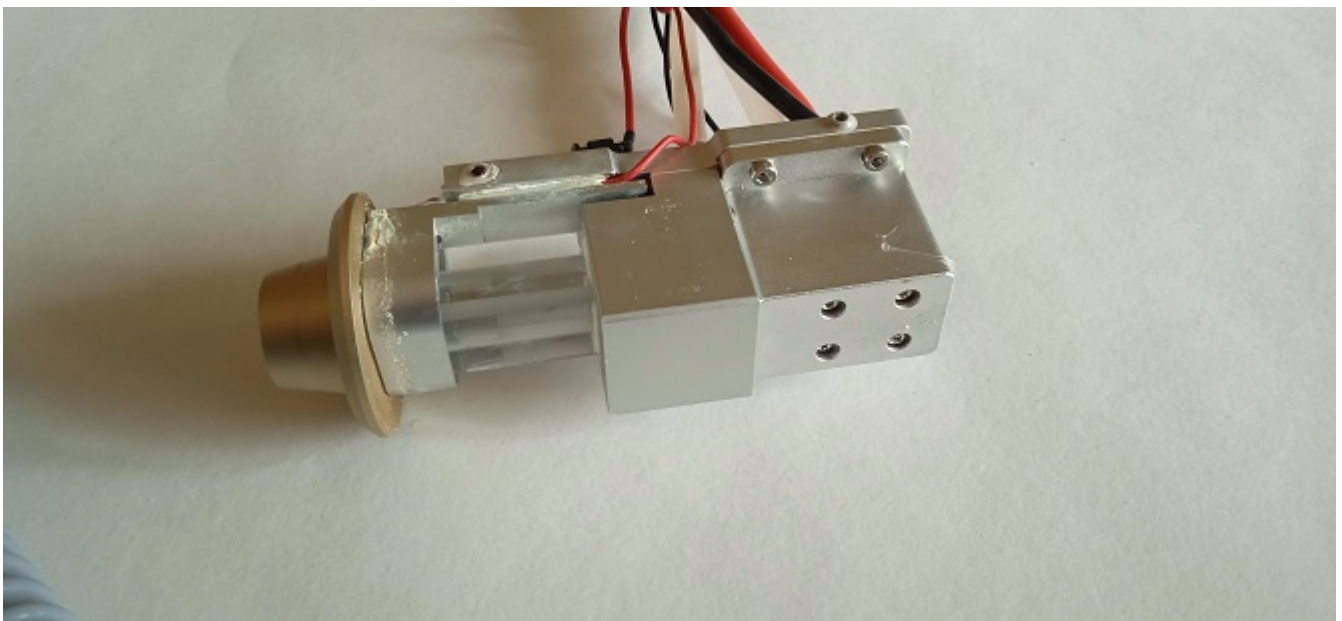


**I offer NEW diode matrices (diode assemblies in a handle) for lasers of various powers (diode assemblies 300 watts, 500 watts, 600 watts, 800 watts, 1600 watts of microchannel and macrochannel type) in stock and on order.**





To order and price, please call - 8(918)0110-234-Roman.



[link to laser \(/prodazha-lazerov-1/226-diodnyj-gibridnyj-lazer-pacer-one-600w-kupit-diodnyj-lazer-katalog-linejka-diodnykh-lazerov.html\)](#)Hybrid laser Pacer One 600W ([/prodazha-lazerov-1/226-diodnyj-gibridnyj-lazer-pacer-one-600w-kupit-diodnyj-lazer-katalog-linejka-diodnykh-lazerov.html](#)) .

[link to laser D-LAS 45 800W 808nm \(/prodazha-lazerov-1/227-diodnyj-lazer-d-las-45-800w-808nm-kupit-zakazat-priobresti-lazer-dlya-diodnoj-epilyatsii-s-dostavkoj.html\)](#)

[link to laser Diode laser DPL2 \(808nm + NdYag\) \(/prodazha-lazerov-1/231-diodnyj-lazer-dpl2-808nm-ndyag-kupit-zakazat-priobresti-lazer-dlya-diodnoj-epilyatsii-v-salon-krasoty.html\)](#) .

[link to laser Ozero Khanka Laser OK-1 \(/prodazha-lazerov-1/225-kupit-diodnyj-lazer-diodnyj-lazer-ozero-khanka-laser-ok-1-ot-proizvoditelya-katalog-linejka-diodnykh-lazerov.html\)](#)

[link to MBT Pacer One Pro \(/prodazha-lazerov-1/244-tsena-mbt-pacer-one-pro-670-000-rublej-kupit-diodnyj-lazer-dlya-epilyatsii.html\)](#) laser .

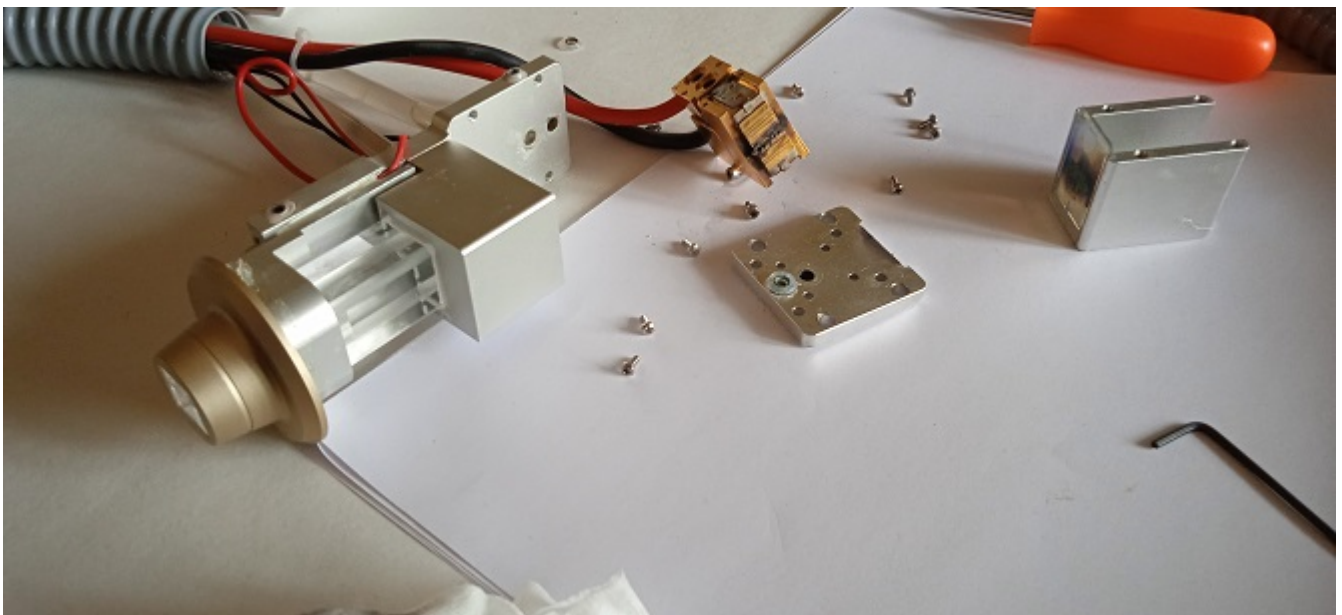
[link to ADSS FG 2000 \(/prodazha-lazerov-1/249-kupit-diodnyj-lazer-dlya-epilyatsii-adss-fg-2000-b-755-808-1064-nm.html\)](#) laser .

[link to Ozero Khanka Pioneer \(/prodazha-lazerov-1/250-kupit-diodnyj-lazer-ozero-khanka-pioneer-ozero-khanka-pioner.html\)](#) laser .

Below I will add more photos from this diode laser repair.



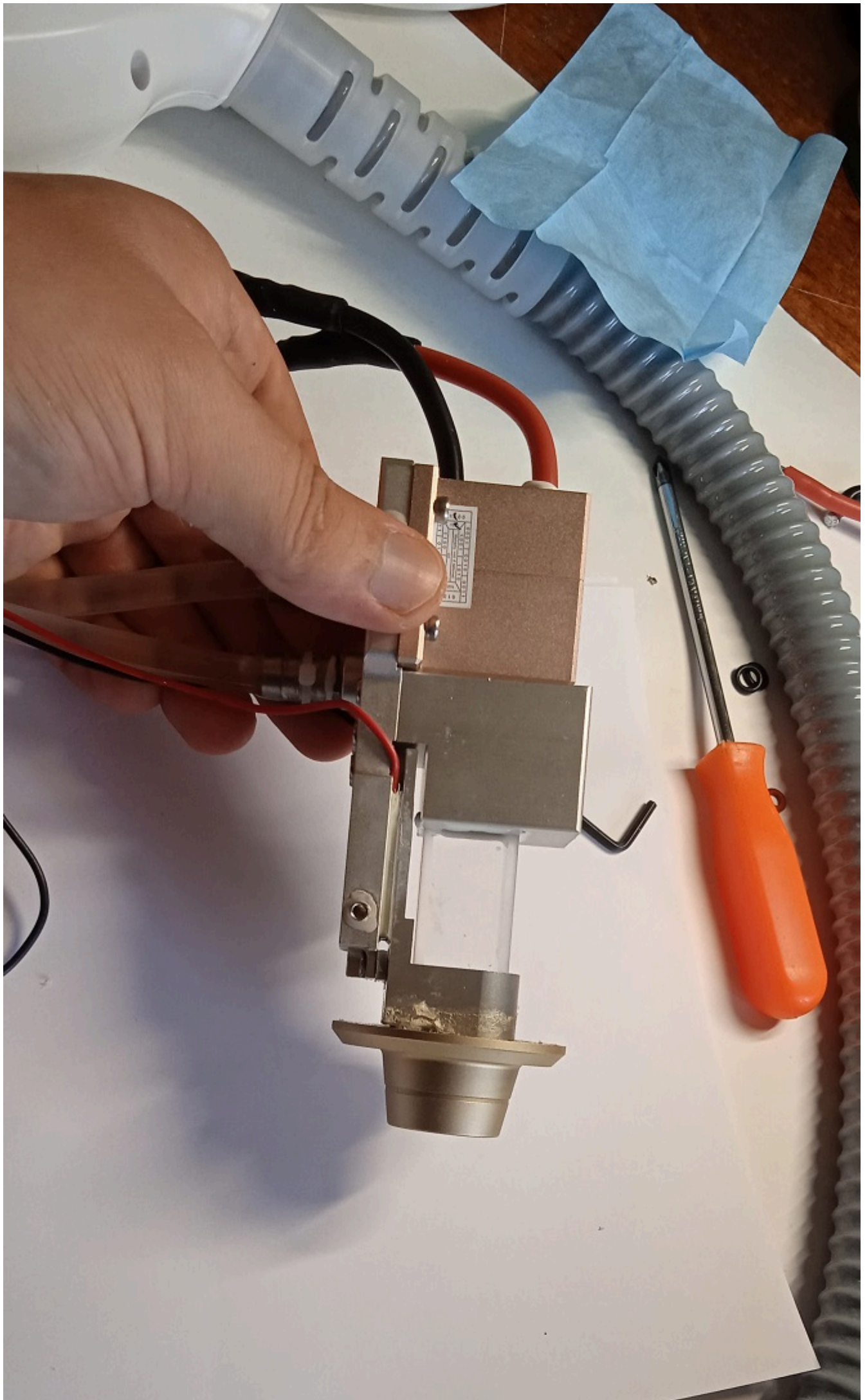
During the replacement of the 300 watt diode stack, all wires (continuity) were checked. checking the diode matrix separately.





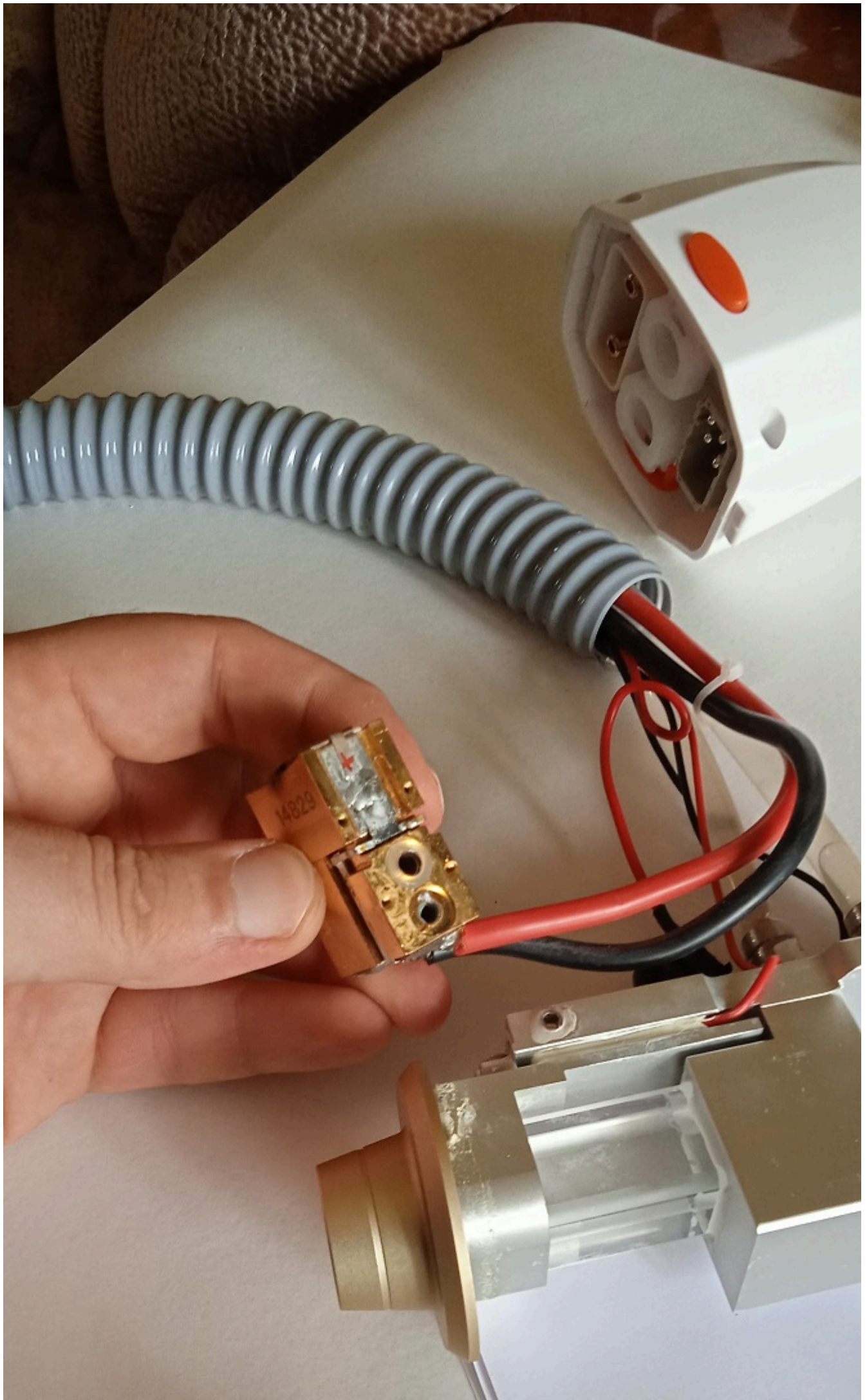


In the photo below, a diode matrix with a power of 300 watts (6 bar 50 watts) has already been replaced.





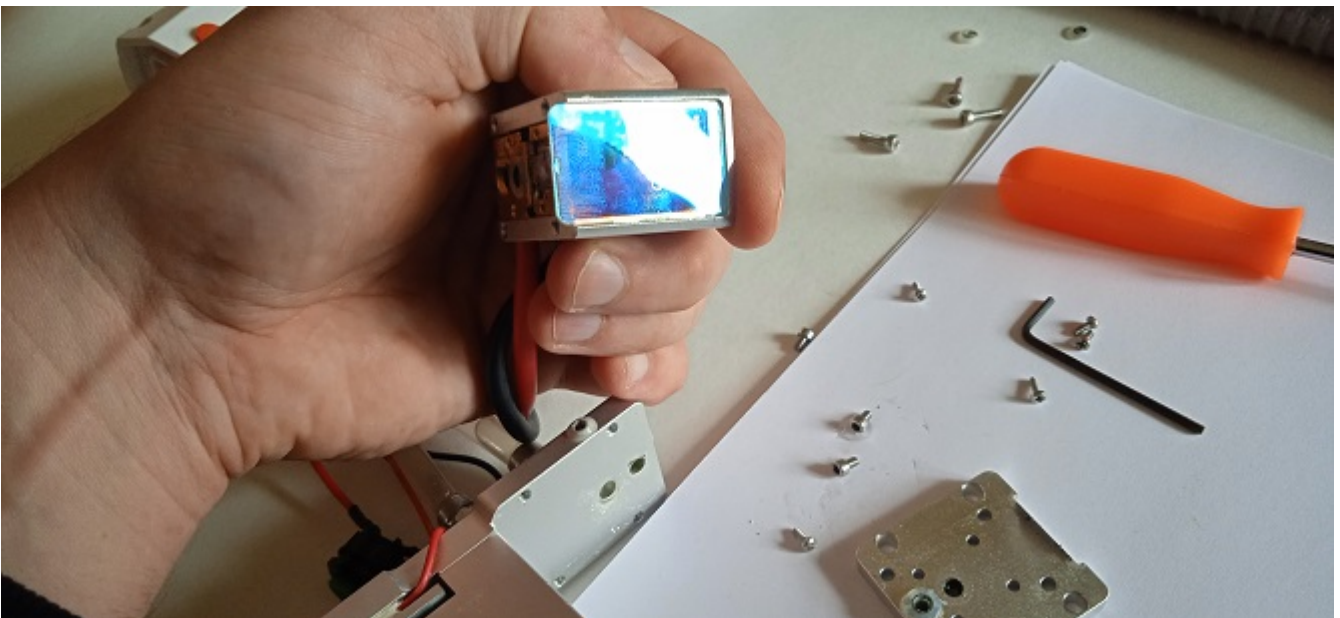
The photo below shows a disassembled diode matrix of a diode laser.





What problems and malfunctions of diode lasers can I highlight.

- the diode laser does not turn on.
- there is no flash from the handpiece (handle) of the diode laser.
- the handpiece is overheating, the handpiece has become very cool.
- we need a new housing for the laser pen.
- the power supply burned out.
- filters need to be replaced.
- the touch screen does not work properly (the image blinks and the image is leaking).





Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Honkon 808KK-1200 (хон...



Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Replacement of a 500 Watt (10 bar) diode matrix with a diode laser. There are no flashes with a diode laser. (</remont-lazerov/259-zamena-diodnoj-matritsy-500-vatt-10-bar-na-diodom-lazere-net-vspyshek-u-diodnogo-lazera.html>)

**Replacement of a 500 Watt (10 bar) diode matrix with a diode laser. There are no flashes with a diode laser. Spare parts for diode laser.**

The photo shows a diode laser pen from stelle laser. These devices are sold under different brands, but in fact they are 1 factory. This pen is available in the diode laser ALD1, ALD2, LD1, DPL2, DPL3, DPL4. This pen contains a diode assembly of 300, 500, 600 Watts. You can also order new diode lasers (</prodazha-lazerov-1.html>) of various powers from me.

I'll note right away that some sellers deceive buyers when they say that this manipula costs 800 watts. This pen contains a macrochannel diode assembly. Here are examples of photos of a 500 watt diode matrix (</blog/251-makrokanalnaya-diodnaya-matritsa-diodnaya-sborka-moshchnostyu-500-vatt-dlya-diodnogo-lazera-lazernogo-epilyatora.html>) . The 800 watt diode stack simply won't fit into the case. And matrices 300 watts (6 bar), 500 watts (10 bar), 600 watts (12 bar) are in identical cases, but differ in the number of bars (strips with diodes).



This laser pen came from one region of Russia. There was a complaint that there were no flashes when the device was turned on.



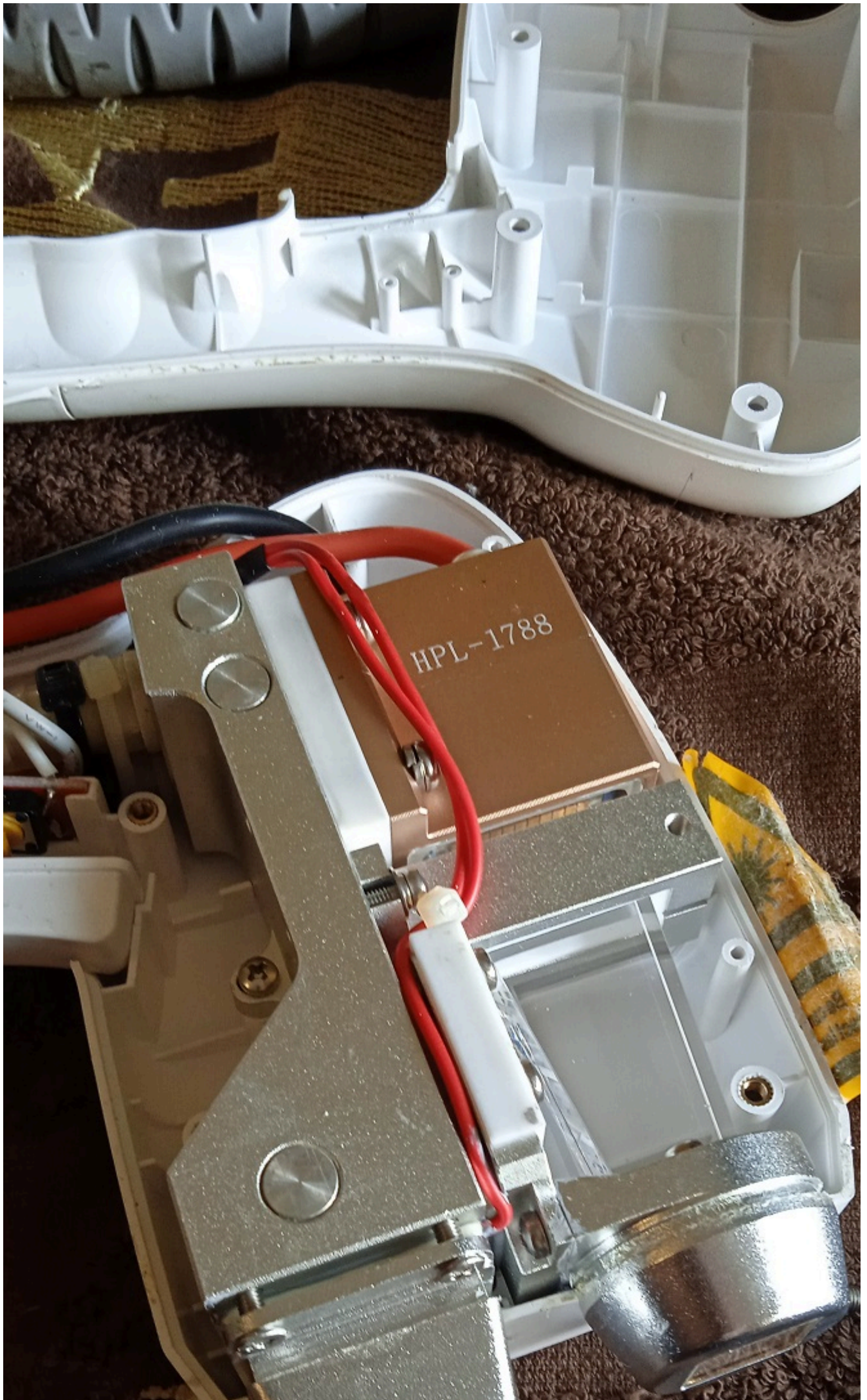
If I go over the top of checking lasers when consulting a client remotely, I'm trying to figure out how the laser works. I ask for photos and videos of the diode laser.



If when you press the diode laser handle button, flashes are counted on the diode laser displays, but there is no radiation from the handle, then there are 2 options. Your diode array has burned out (**p/s/ diode stacks of various powers and configurations are available for sale**) or there is a problem with the laser driver. There are still nuances. But regarding repairs, you can consult by phone +7 (918) 0110234 Roman.



As for this repair, during the process of disassembling the handle, the wire connections are checked. Checking the functionality of Peletier elements (responsible for cooling). If the handle (handpiece) of the diode laser gets very hot, then the Peletier element may have failed.





I came across diode assemblies (diode stacks) for repair: DVS 1010AL, HPL, ADSS, SEASUNLASER, HRI-500H, OE Photonics 808nm. There are also different numbers in the name of the diode stack. 485739702352238-5023952-9-32232. But it's more of a serial number.

If the client is from another country, then I will ask you to send photos from different angles.

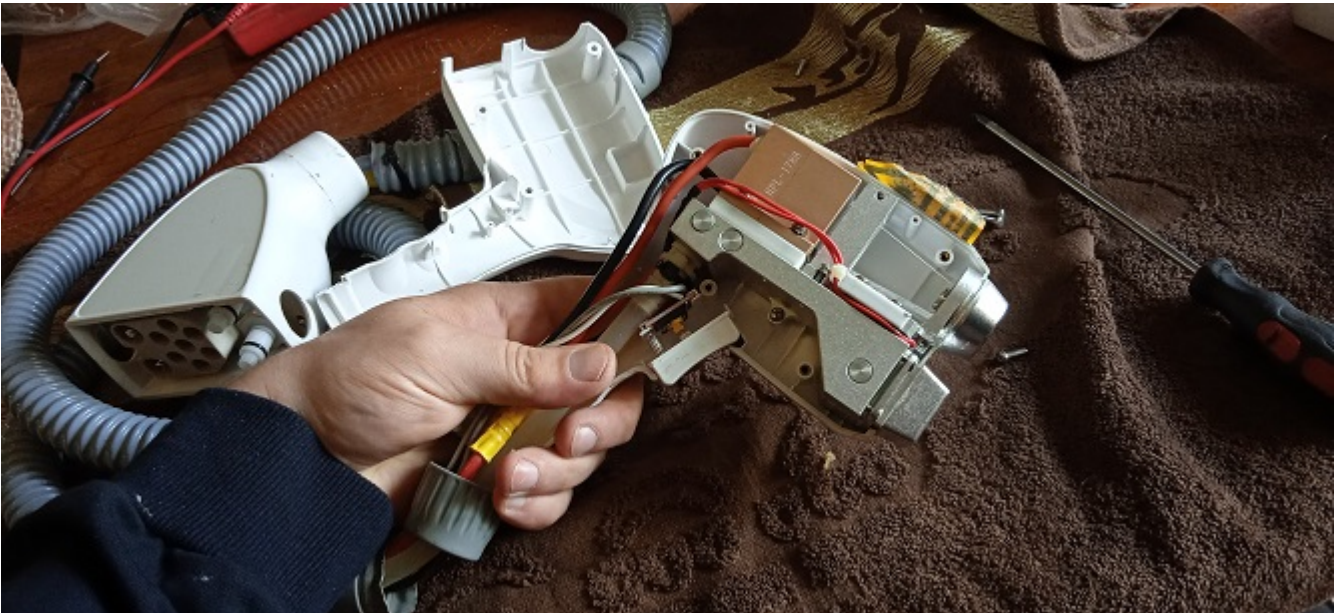


In the photo below, the dimensions of the 500-watt diode stack that were installed in this handpiece.

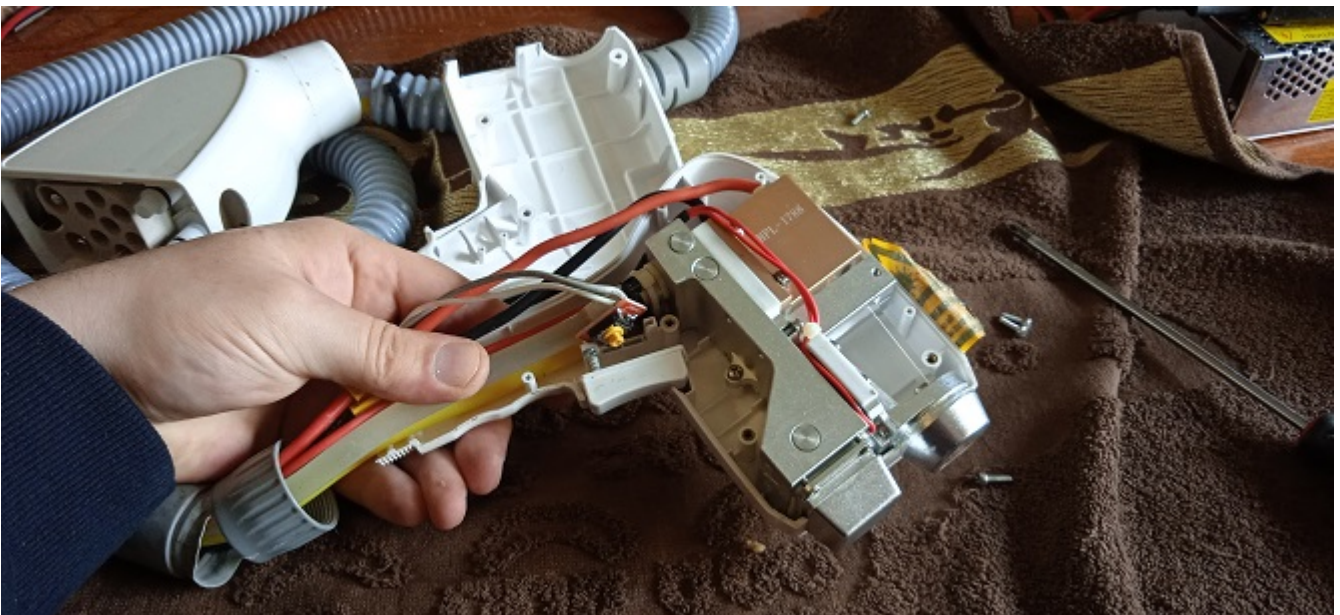




Repair of diode lasers takes place in Moscow and Krasnodar. When ordering components, delivery throughout Russia and the CIS. It is also possible to ship to any country from a partner's factory in China.



I would also like to note that your pen body should not have cracks. Dirt can enter through the cracks and get onto the diode assembly or prism. This may damage the diode laser handpiece.





I also offer new diode lasers.

Here are the links for your convenience:

**ссылка на лазер (/prodazha-lazerov-1/226-diodnyj-gibridnyj-lazer-pacer-one-600w-kupit-diodnyj-lazer-katalog-linejka-diodnykh-lazerov.html)** Гибридный лазер Pacer One 600W (/prodazha-lazerov-1/226-diodnyj-gibridnyj-lazer-pacer-one-600w-kupit-diodnyj-lazer-katalog-linejka-diodnykh-lazerov.html) .

**ссылка на лазер D-LAS 45 800W 808nm (/prodazha-lazerov-1/227-diodnyj-lazer-d-las-45-800w-808nm-kupit-zakazat-priobresti-lazer-dlya-diodnoj-epilyatsii-s-dostavkoj.html)**

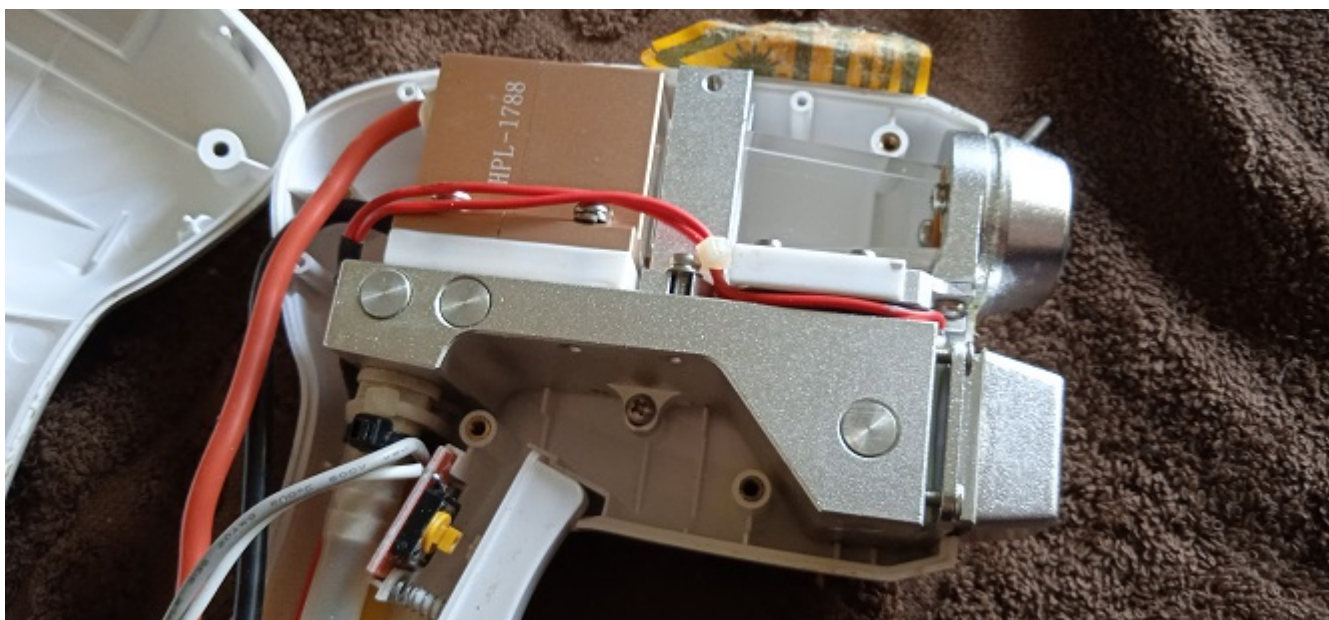
**ссылка на лазер Диодный лазер DPL2 (808nm + NdYag) (/prodazha-lazerov-1/231-diodnyj-lazer-dpl2-808nm-ndyag-kupit-zakazat-priobresti-lazer-dlya-diodnoj-epilyatsii-v-salon-krasoty.html) .**

**ссылка на лазер Ozero Khanka Laser OK-1 (/prodazha-lazerov-1/225-kupit-diodnyj-lazer-diodnyj-lazer-ozero-khanka-laser-ok-1-ot-proizvoditelya-katalog-linejka-diodnykh-lazerov.html)**

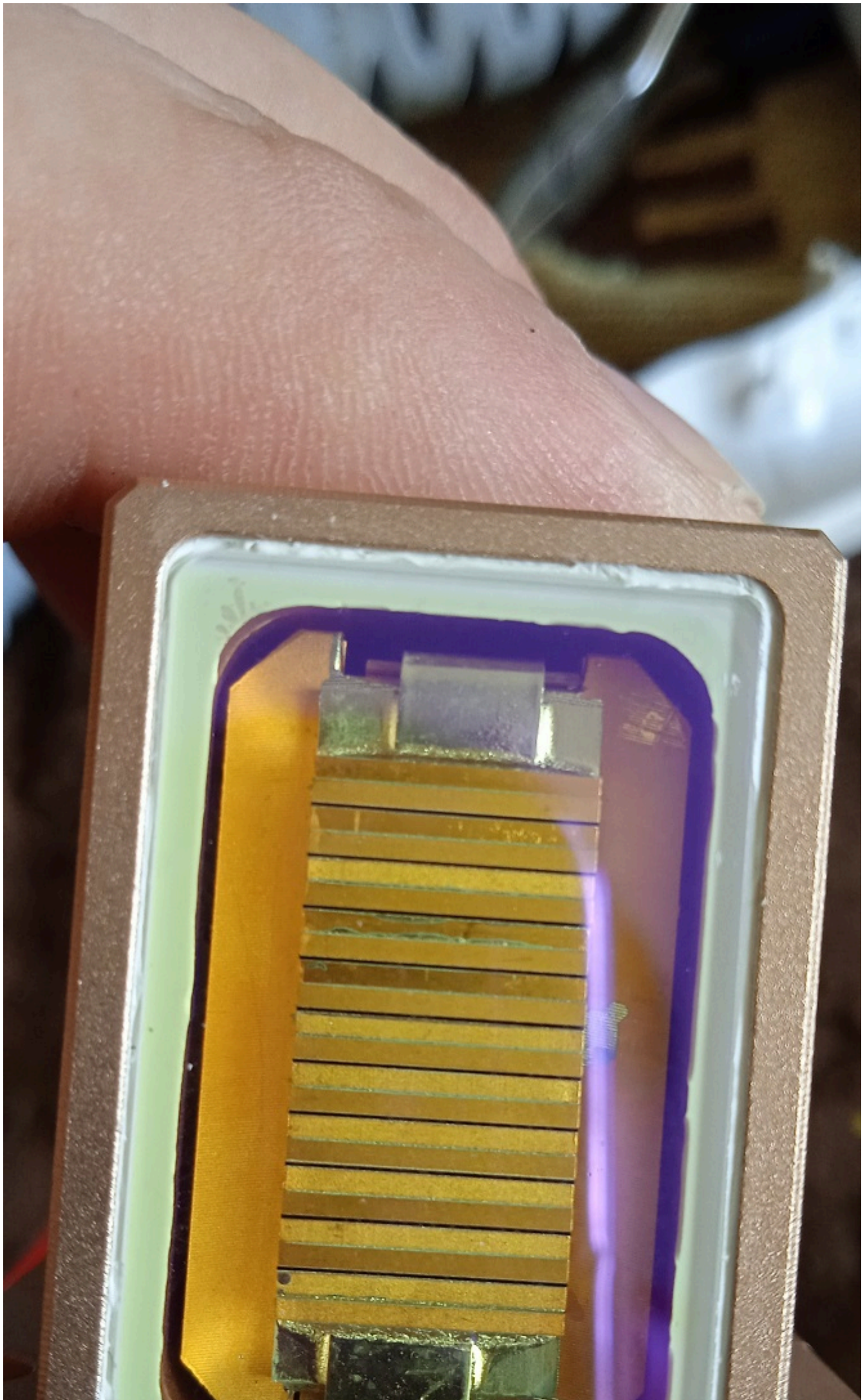
**ссылка на лазер MBT Pacer One Pro (/prodazha-lazerov-1/244-tsena-mbt-pacer-one-pro-670-000-rublej-kupit-diodnyj-lazer-dlya-epilyatsii.html) .**

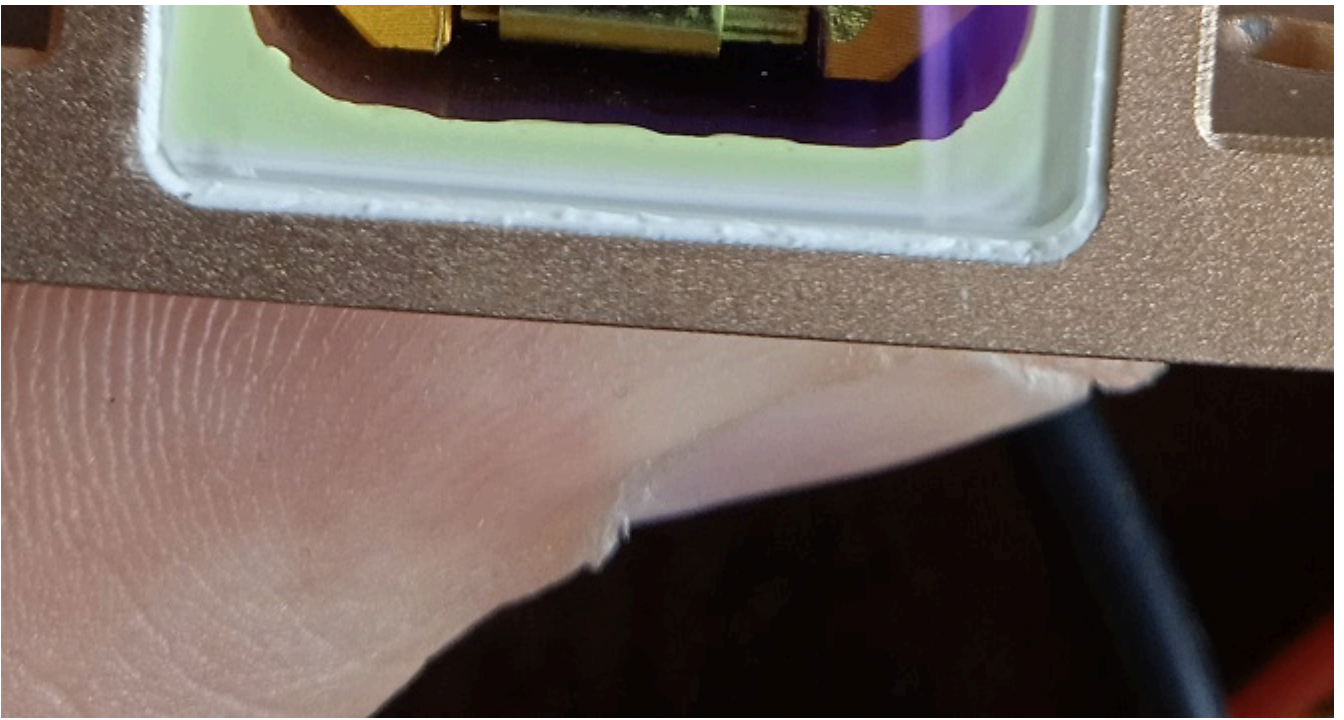
**ссылка на лазер ADSS FG 2000 (/prodazha-lazerov-1/249-kupit-diodnyj-lazer-dlya-epilyatsii-adss-fg-2000-b-755-808-1064-nm.html) .**

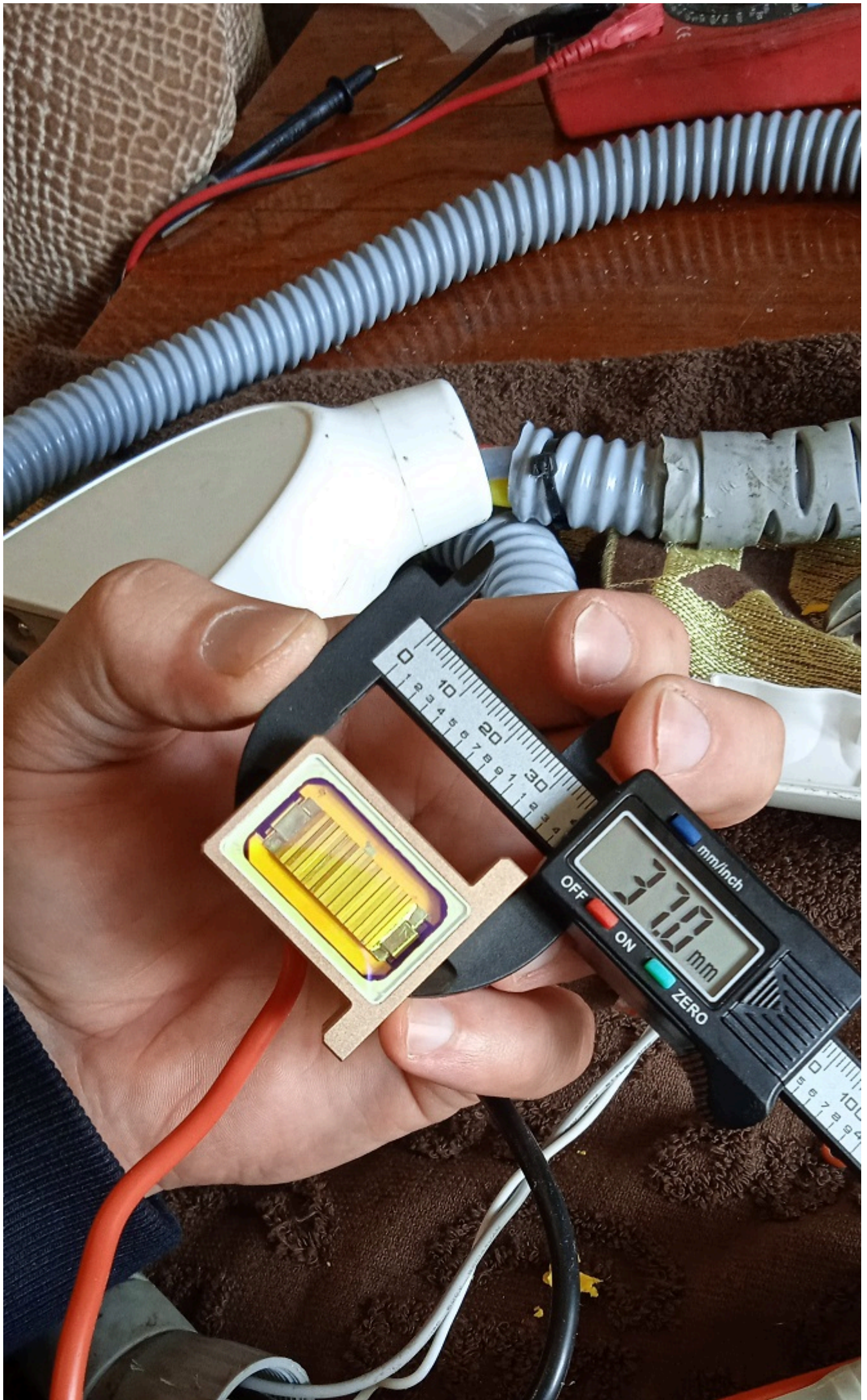
**ссылка на лазер Ozero Khanka Pioneer (/prodazha-lazerov-1/250-kupit-diodnyj-lazer-ozero-khanka-pioneer-ozero-khanka-pioner.html) .**



Так смотрелся диодный стэк, который стоял до замены.









Предлагаю **НОВЫЕ** диодные матрицы (диодные сборки в ручку ) для лазеров различной мощности ( диодная сборка 300 ват,500, ватт, 600 Ватт, 800 ватт, 1600 ватт микроканального и макроканального типа )в наличии и под заказ.

Для заказа и цене свяжитесь по телефону - 8(918)0110-234 , Email: [Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru) ([mailto:Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru)) .

Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Honkon 808KK-1200 (хон...



Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Сгоревший стэк в ручке диодного лазера. Фото, запчасти для лазера. Замена диодной сборки 10 бар. (/remont-lazerov/258-sgorevshij-stek-v-ruchke-diodnogo-lazera-foto-zapchasti-dlya-lazera.html)

**Диодная матрица HRI 500 watt. Сгоревший стэк мощностью 500 ватт в ручке диодного лазера. Фото, новые запчасти для лазера. Ремонт ручки диодного лазера. Обслуживание диодных лазеров . Краснодар, Москва.**

На фото **сгоревший стэк (диодная матрица лазера)** мощностью 500 ватт . Данная матрица лазера является макроканальной. Как видно из фото вышло несколько бар из строя.

**Бар** - это полоска лазерных диодов . В данном случае 1 бар обладает мощностью излучения до 50 ватт. В данном диодном стэке 10 бар.

Умножив 10 на 50 получаем диодный стэк мощностью 500 ватт.



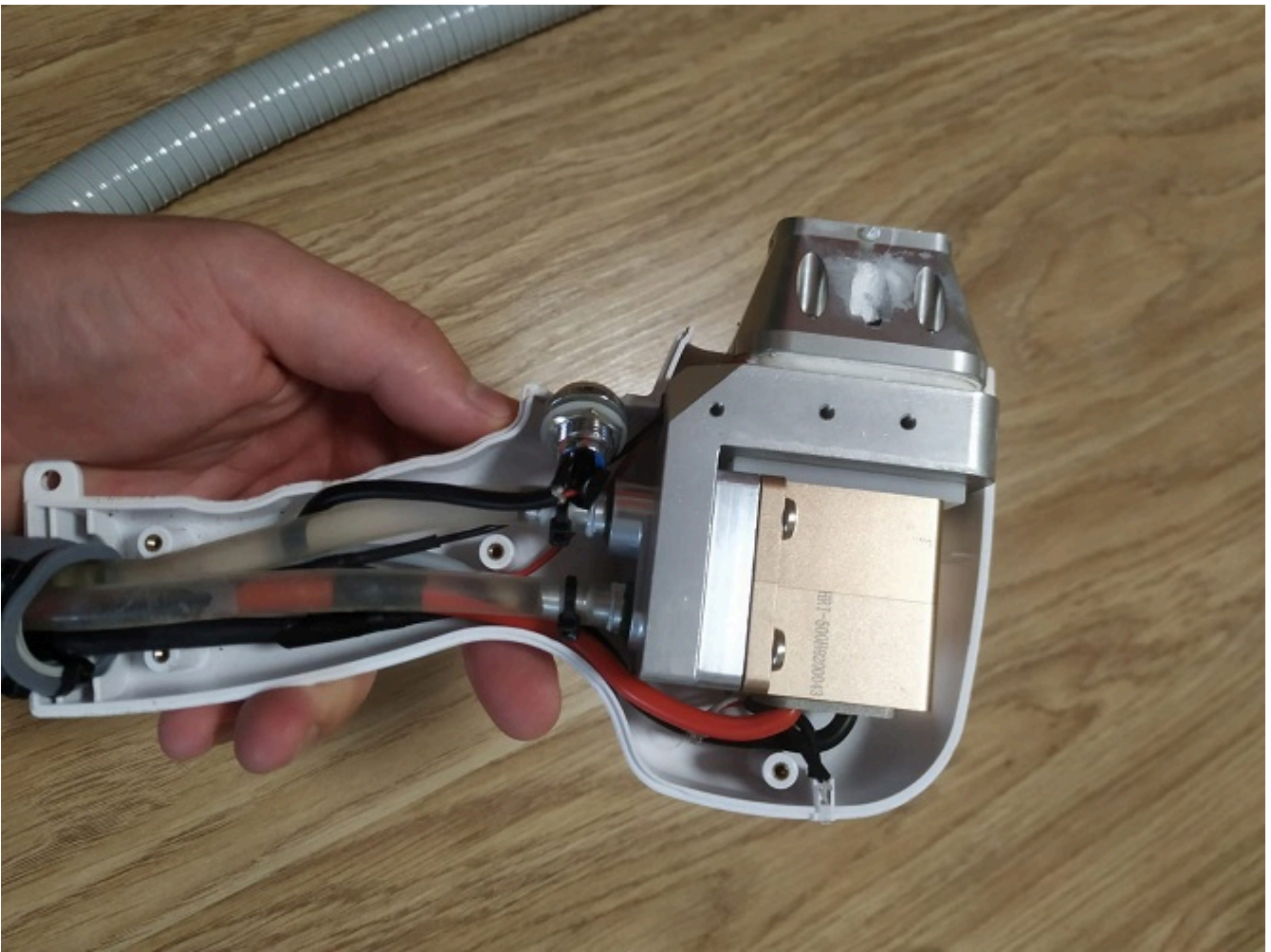
Из фотографии ниже диодный стэк подписан HRI-500H . Данная надпись обозначает, что в ручке лазера стоит стэк 500 ватт.

Сразу отмечу, что предлагаю новые диодные матрицы. Фото в следующем разделе (</blog/251-makro-kanalnaya-diodnaya-matritsa-diodnaya-sborka-moshchnostyu-500-vatt-dlya-diodnogo-lazera-lazernogo-epilyatora.html>) сайта .

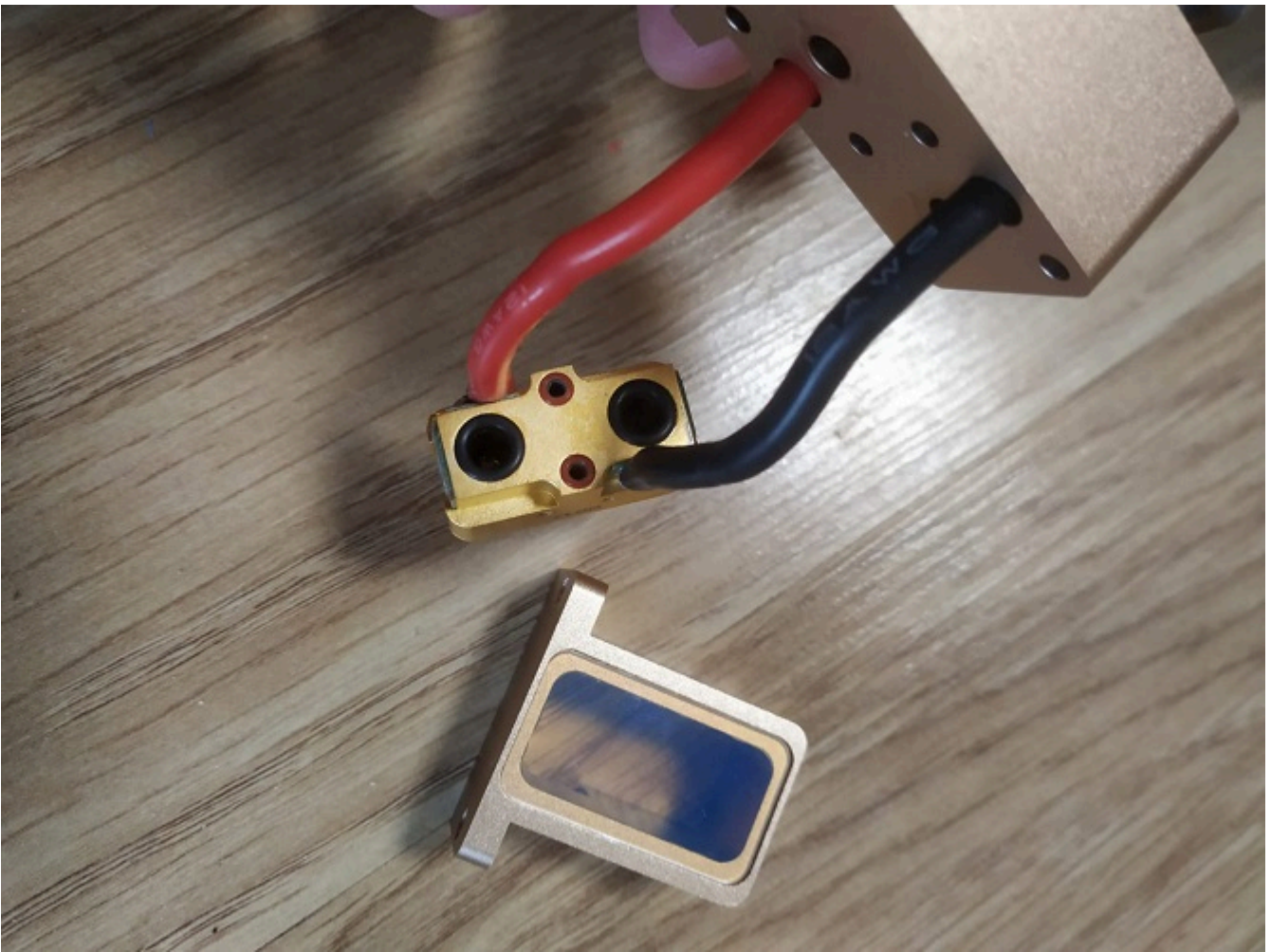
**ДАННЫЕ ДИОДНЫЕ СТЭКИ ОБЫЧНО ЕСТЬ В НАЛИЧИИ в России. Мой номер для заказа +7(918)0110-234.**

При заказе отправка через СДЭК или другой транспортной компанией. Так же отправка в другие страны.





На фотографиях ниже разобранный диодный стэк лазера. Считается, что в новой диодной матрице закачан специальный газ, чтобы диодная сборка не окислялась при работе. Новый стэк можно отличить по блеску олова внутри стэка под стеклом. Со временем появляется нагар. Ради любопытства не следует пытаться разобрать матрицу диодного лазера. Как правило данный стэк хорошего качества стоит в пределах 90 -120 тысяч рублей. Перед заказом стэков я прошу подробные фото, чтобы избежать недразумений.



Почему в принципе перегорает диодный стэк?

В работе диодного лазера главное охлаждение его манипулы. Если коротко описать принцип работы диодного лазера, что он основан на импульсном выделении тепла диодной матрицей ( диодной сборкой).

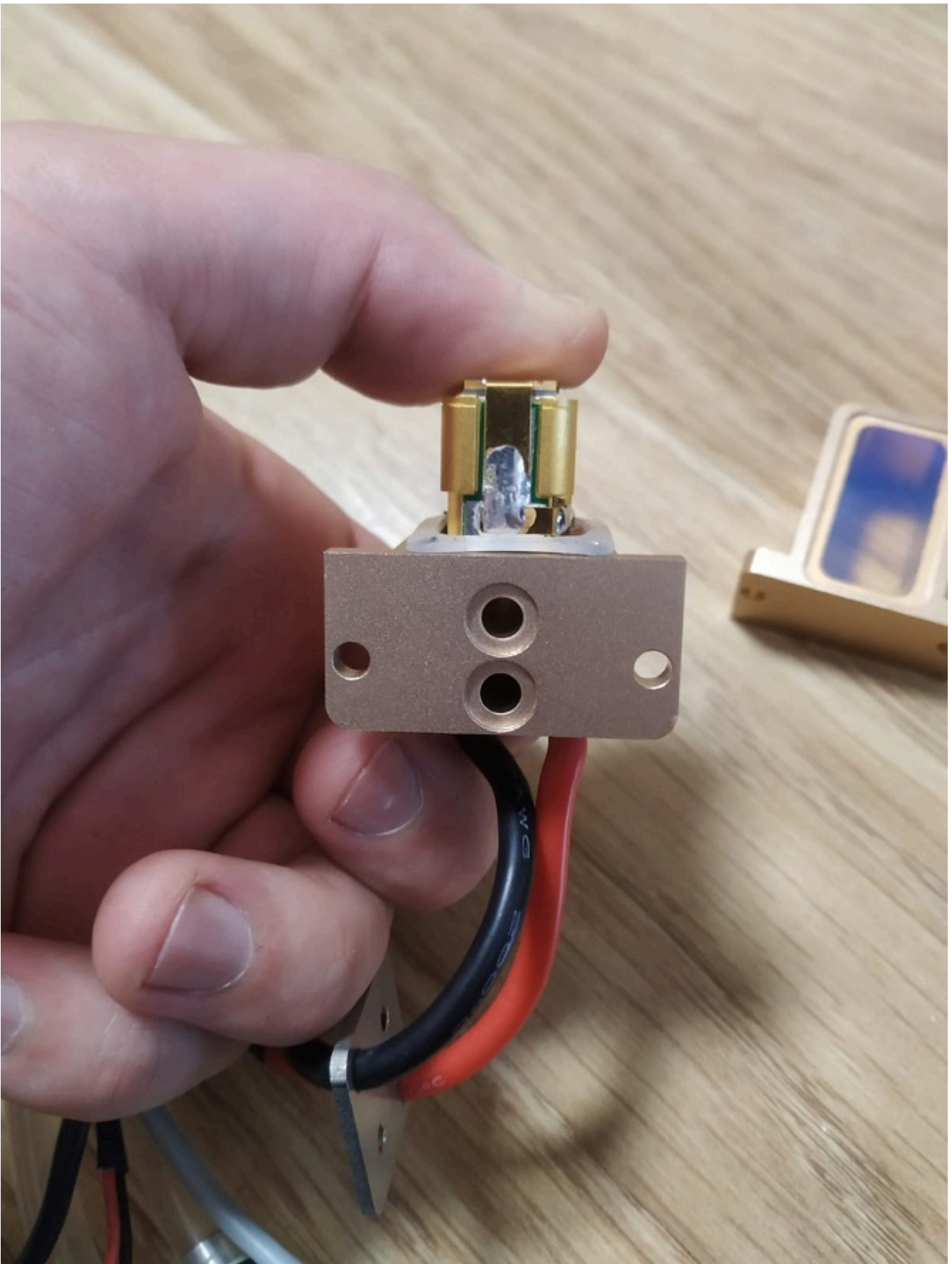
Диодные сборки бывают 3 типа:

- non channel ( без канальная) (</blog/252-non-channel-bez-kanalnaya-diodnaya-matritsa-diodnaya-sborka-moshchnostyu-150-300-450-vatt-dlya-diodnogo-lazera-lazernogo-epilyatora.html>) ... p/s/ так же есть новые ручки под заказ. Обычно мощность кратна 150 ватт. Внутри расположены квадраты.

- macrochannel diode assembly. (</blog/251-makro-kanalnaya-diodnaya-matritsa-diodnaya-sborka-moshchnostyu-500-vatt-dlya-diodnogo-lazera-lazernogo-epilyatora.html>) Commonly found are 300, 500, 600, 800, 1200, 1500 watts. These are average diode stacks for their price.

- microchannel diode assembly. The most expensive type of diode stacks. There are microchannels inside. Read those on my blog (</blog.html>) . One plate is usually 100 watts.

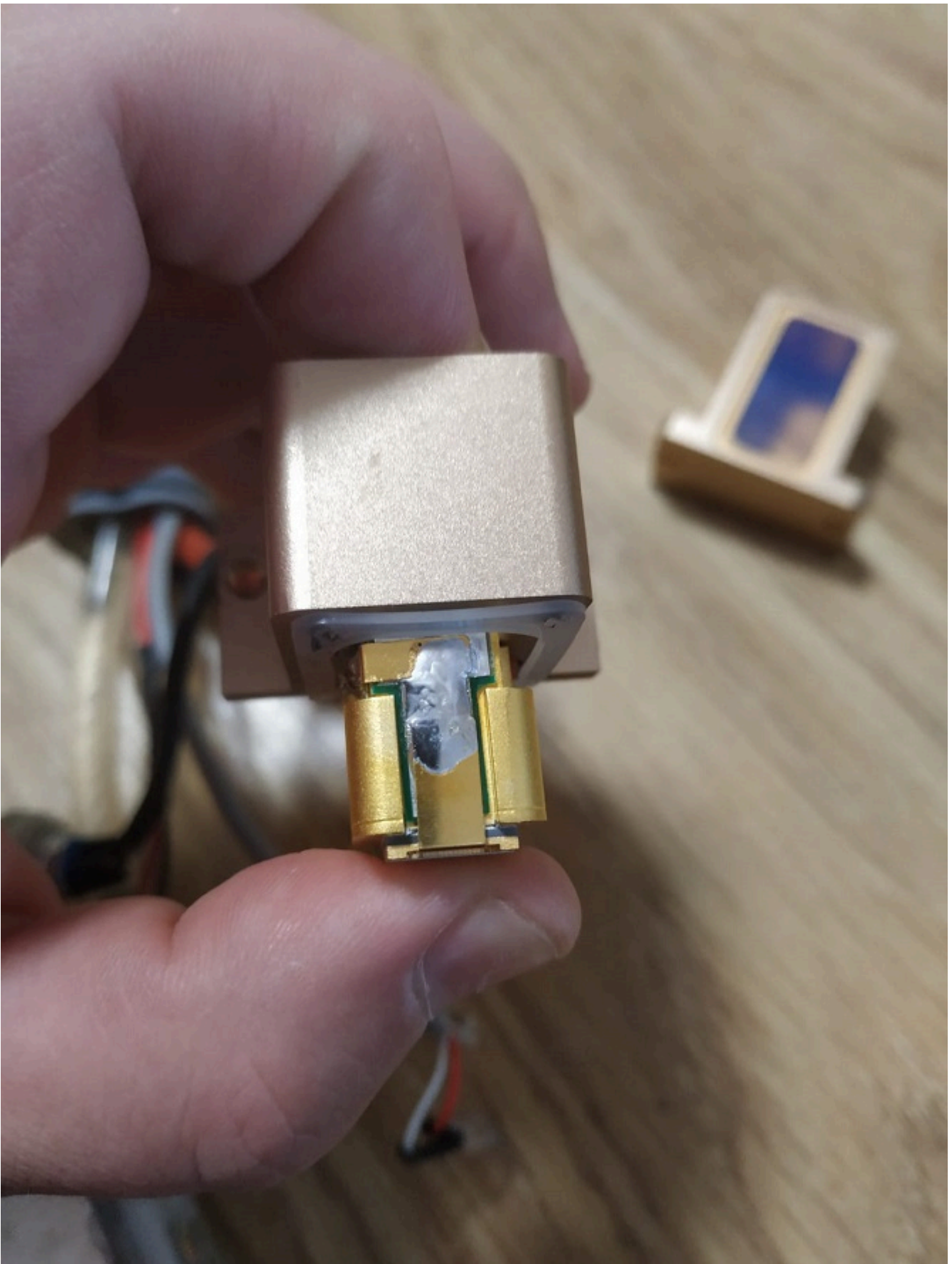
It is believed that it cools better, but due to dirt it can clog and fail. My advice is to change the filter as often as possible. Water filters that I offer for diode lasers in this section (</zapchasti/236-fil-try-dlya-diodnogo-lazera-d-las-honkon-kiers-i-drugikh-diodnykh-lazero.html>) of my site.



Below are some reasons that cause diode laser bar to burn out:

1. Temperature - Using the machine for too long and its temperature becomes too high. We recommend not to use the machine continuously for more than 4 hours without stopping. . Don't believe everything that the supplier said that their device can work more than 12 hours, 24 hours once continuously, it seems like a rumor. It should also be noted that the manufacturer is trying to put in place protective measures. A good diode laser has the following degrees of protection:

- diode laser water level sensor. At a minimum, the more water, the slower it will heat up when your laser epilator is operating.



- water flow speed sensor. Helps determine the speed at which fluid circulates through the system. If you rarely change filters, then they become clogged, which means there is less passage through their cells. In some cases this is measured in microns. Water filters that I offer for diode lasers in this section (</zapchasti/236-fil-try-dlya-diodnogo-lazera-d-las-honkon-kiers-i-drugikh-diodnykh-lazerov.html>) of my site.

In the photo below, there is a clear problem in the diode laser handpiece window. But sometimes not everything is so clear and obvious. Of course there are cases where there are huge black dots inside the stack. A clear sign of problems. But sometimes the reason for the failure of the diode assembly still needs to be looked for.

You can consult me by phone +7(918)0110234. For a couple of minutes of conversation, I don't take money and maybe I'll offer you good components.



To put it briefly, there are several reasons why there are no flashes in the diode laser pen.

- the diode bar has failed. You can check separately, visually and using the power supply. For these questions, write to whatsapp.
- the electronic part came out if the laser diode matrix turned out to be working.

In both cases a solution can be found. And it's cheaper to change the diode matrix than the entire handle.

There are of course various problems, such as a cracked prism. But more on that in other articles.

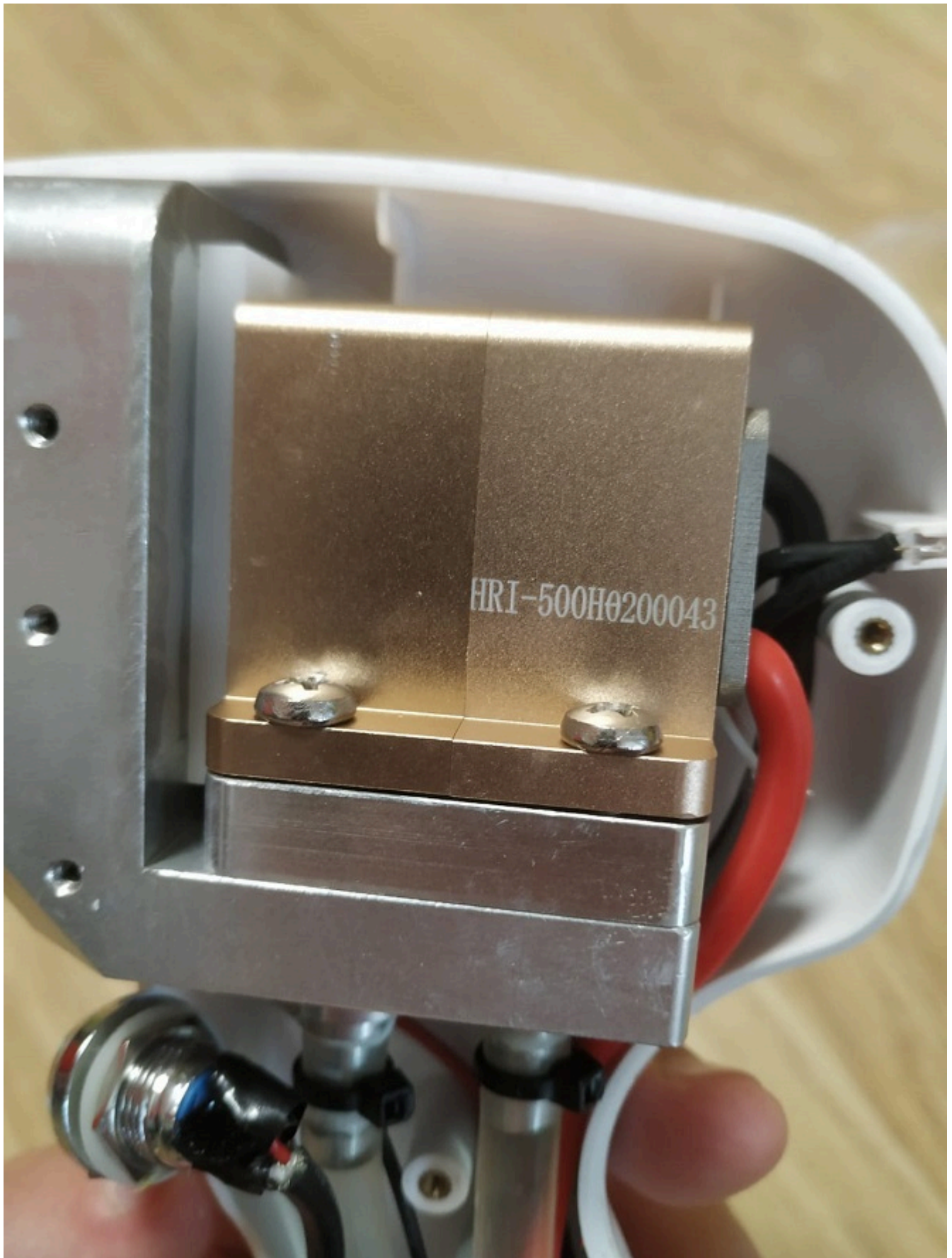


I would divide the diode stacks (diode matrices) themselves into 3 groups based on production and quality.

- they are not made in China. In Germany for example. They cost significantly more than the second option.

- collected in China from German raw materials. As a rule, the most suitable option for replacement.

- a purely Chinese version of Aliexpress. A waste of time and money. The difference in build quality and power is colossal. I do not advise)



By the way. If the diode laser works, then it doesn't. Contact us to have your diode laser diagnosed. It won't go away on its own in the long run. If the device turns off, then some kind of protection is probably triggered. If it is provided there, of course.



Repairing diode lasers requires specific experience. Articles for my potential clients. "Like" repair is not just in words. But everywhere there are subtleties. Even when assembling the manipule. Over the years, we have gained experience and acquaintances in cities. It's better to connect you with the masters. This is my advice.

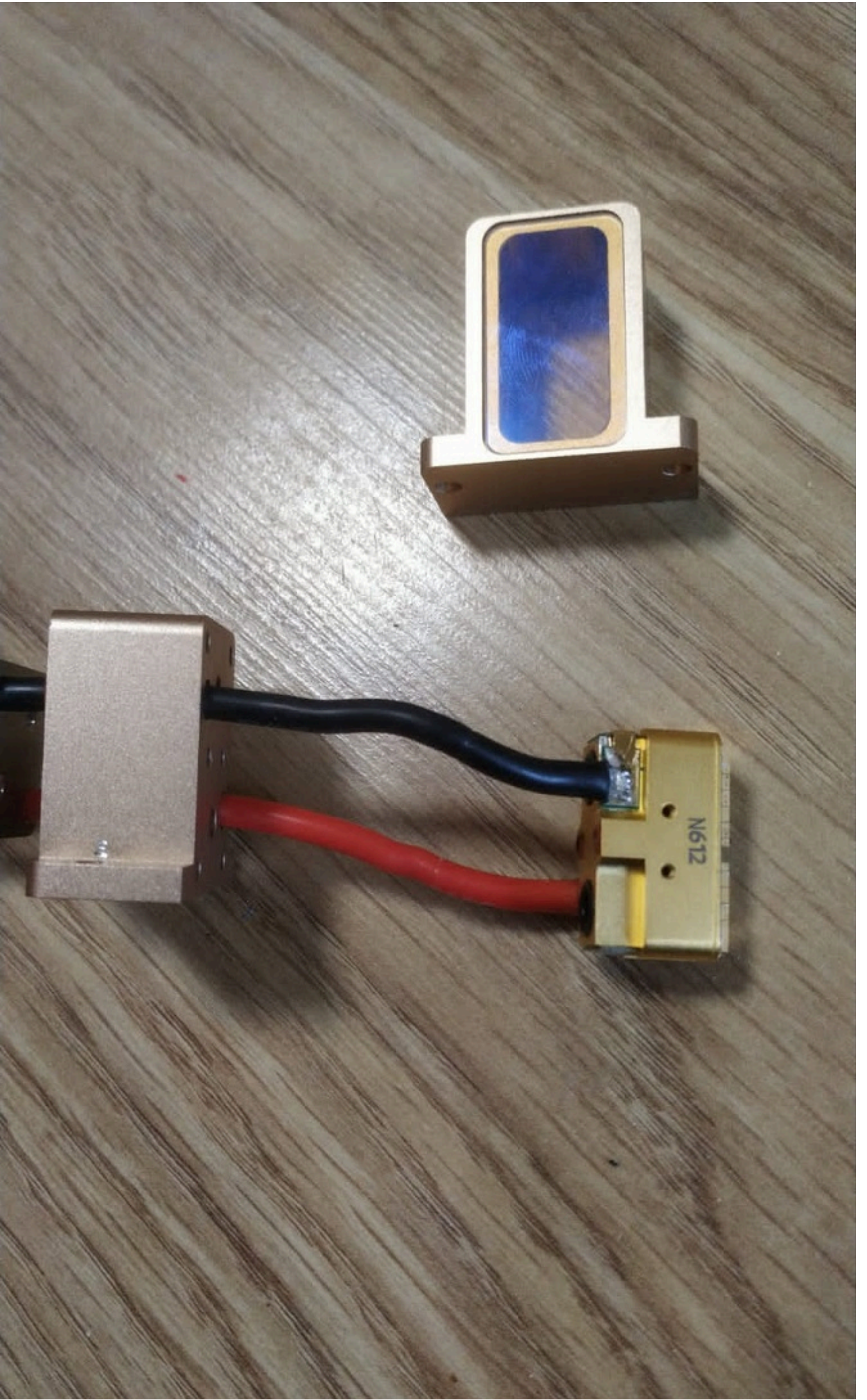


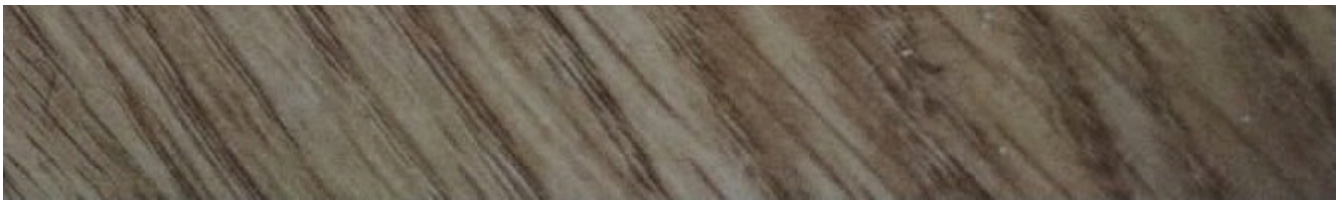


This stack was installed in this Chinese-made laser diode.



If the diode laser does not flash, first look at the window of the handpiece when it is turned off.





I hope the article was interesting and inquisitive. If you are a master of laser hair removal and the laser does not work, then write to me on whatsapp! I will advise you

regarding your problem.

**I also offer diode matrices (diode assemblies in a handle) for lasers of various powers (diode assemblies 300 watts, 500 watts, watts, 600 watts, 800 watts, 1600 watts of microchannel and macrochannel type) in stock and on order.**

**To order and price, please call - 8(918)0110-234, Email: [Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru) (mailto:Gnenik\_roman@mail.ru) .**

In the photographs below is a 500-watt diode array (that's 10 bars of 50 watts), which was offered to the client to replace with a burnt-out 500-watt stack.



0001	0010	0011
1001	1010	
0001	Warranty void if removed	
	GO	
	1022	0100
1100	1011	
0111	0110	0101



The diode array is checked before being sent to the client.

Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Nonkon 808KK-1200 (хон...



Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Repair of Honkon diode lasers in Krasnodar, Moscow and the Far East. (</remont-lazerov/246-remont-diodnykh-lazerov-honkon-v-krasnodare-moskve-i-na-dalnem-vostoke.html>)

**Repair of Honkon diode lasers in Krasnodar, Moscow and the Far East. Repair of Honkon diode laser (Honkon). Weak flashes in the handpiece (handle) of the laser epilator. Diode matrix for Honkon laser.**

This article is devoted to the repair of diode lasers Honkon 808al-01, HONKON FL, Honkon YILIYA-808FL-01, Honkon KK 03, Honkon 808kk-03, Honkon YILIYA-808FL-01, HONKON-M90e.

The photo below shows Honkon dl-9999.



What problems and malfunctions of diode lasers can I highlight.

- the diode laser does not turn on.
- there is no flash from the handpiece (handle) of the diode laser.
- the handpiece is overheating, the handpiece has become very cool.
- we need a new housing for the laser pen.
- the power supply burned out.
- filters need to be replaced.



- the touch screen does not work properly (the image blinks and the image is leaking).

If your diode matrix in the handpiece has burned out, you need spare parts - <http://www.romshi-shop.ru> (<http://www.romshi-shop.ru/>) /.



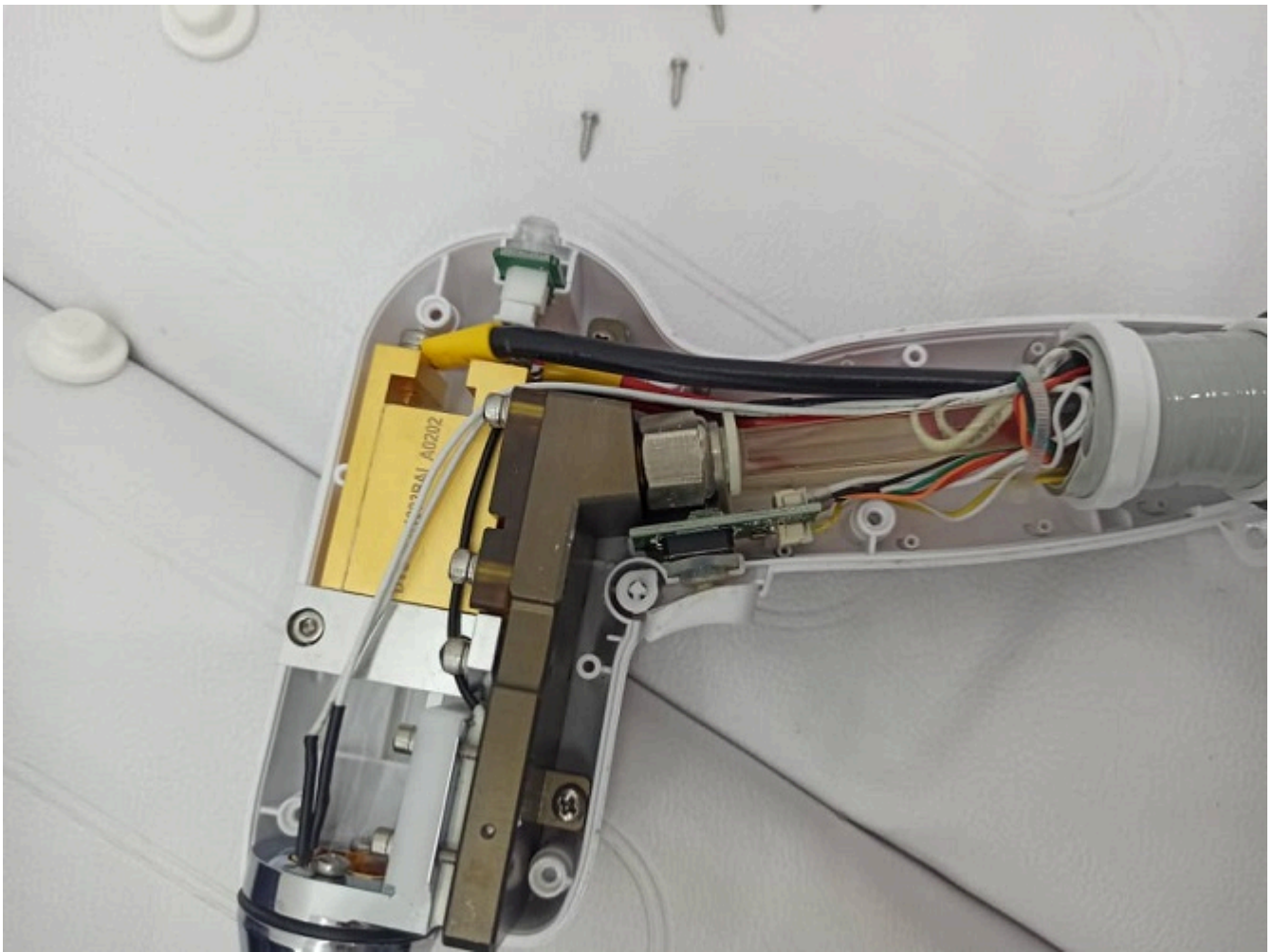
These devices have a microchannel matrix. Features of microchannel bars in one of the posts in this section (/blog.html) . Briefly, the meaning is that during operation, regardless of the load, the channels of these matrices become clogged. Consequently, water passes through worse and the cooling of the diode laser is slower.

If you stop seeing flashes from the diode laser handle, then you should look inside with the device turned off. Black dots indicate that your diode assembly has burned out.



Change water and filters often. This is cheaper than the cost of a diode matrix. I cooperate with manufacturers of spare parts and other components for diode lasers. But no price for water and filters can compare with the cost of repairs. This is advice.

To order a matrix (if it is burnt out), you will need to send a photo of the disassembled internals. In fact, there are a lot of options for diode matrices.



Prevention of diode lasers. Repair of diode laser Honkon (Honkon) Honkon 808al-01, HONKON FL, Honkon YILIYA-808FL-01, Honkon KK 03, Honkon 808kk-03, Honkon YILIYA-808FL-01, HONKON-M90e. Replacing filters. An example of a burnt matrix in the handpiece (handle) of a laser epilator.

**Sale of spare parts and components with delivery throughout Russia and the CIS.**

**To order and consult** on spare parts and **components for diode lasers, pedicure devices, LPG devices,** email [Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru) (mailto:Gnenik\_roman@mail.ru)

**phone** (whatsapp, telegram) +7 (918) 0110-234 (Roman).

**Filters for diode laser** D-las, Honkon, Kiers and other diode lasers in the next section of the site (<http://www.romshi-shop.ru/vodyanye-filtra-dlya-lazerov.html>) .

For repairs, you can send me a device from the cities of Rostov-on-Don, Sochi, Voronezh, Anapa, Yeysk, Stavropol, Moscow, Essentuki, Gelendzhik, Novocherkassk, Kropotkin, Armavir, Tuapse, Adler, Bataysk Red pog.svgPetropavlovsk-Kamchatsky, Ussuriysk , Yuzhno-Sakhalinsk, YakutskGreen, Arsenyev, Belogorsk, Birobidzhan, Magadan, Neryungri, Svobodny, Aldan, Amursk, Bolshoi Kamen, Vilyuchinsk, Dalnegorsk, Dalnerechensk, Elizovo, Zeya, Korsakov, Lensk, Lesozavodsk and others.

Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Honkon 808KK-1200 (хон...



Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Prevention of diode lasers. Repair of diode laser Honkon (Honkon). Replacing filters. Spare parts for laser epilators. (</remont-lazerov/243-profilaktika-diodnykh-lazerov-remont-diodnogo-lazera-honkon-khonkon-zamena-filtrov-zapchasti-dlya-lazernykh-epilyatorov.html>)

Prevention of diode lasers. Repair of diode laser Honkon (Honkon). Replacing filters. An example of a burnt matrix in the handpiece (handle) of a laser epilator.



This article is devoted to the repair of diode lasers Honkon 808al-01, HONKON FL, Honkon YILIYA-808FL-01, Honkon KK 03, Honkon 808kk-03, Honkon YILIYA-808FL-01, HONKON-M90e.

What problems and malfunctions of diode lasers can I highlight.

- the diode laser does not turn on.
- there is no flash from the handpiece (handle) of the diode laser.
- the handpiece is overheating, the handpiece has become very cool.
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- filters need to be replaced.
- the touch screen does not work properly (the image blinks and the image is leaking).

If your diode matrix in the handpiece has burned out, you need spare parts - <http://www.romshi-shop.ru> (<http://www.romshi-shop.ru>) /.

This repair of the Honkon diode laser involved replacing the filters. Typically a set of filters.

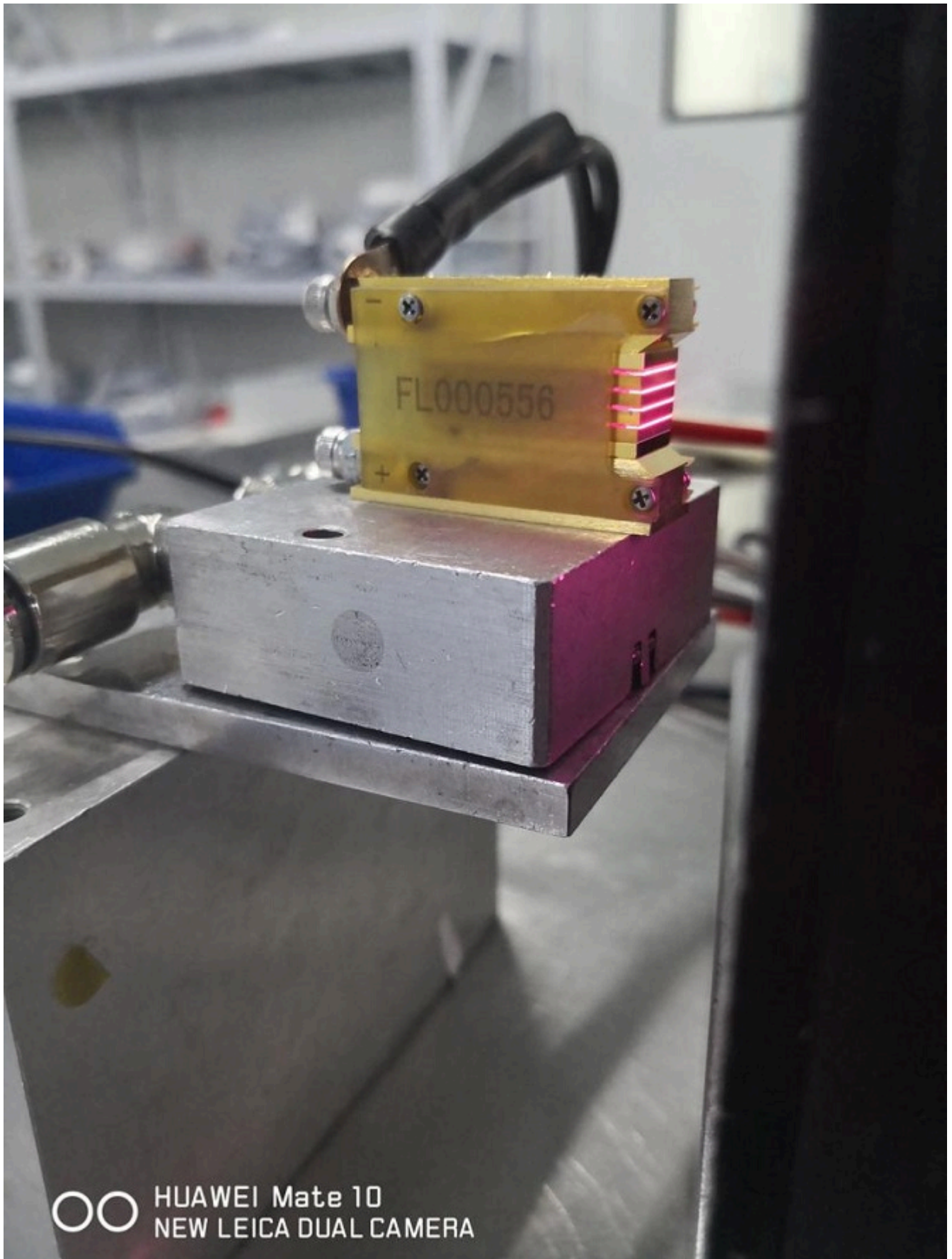


The photo below shows the insides of the Honkon diode.



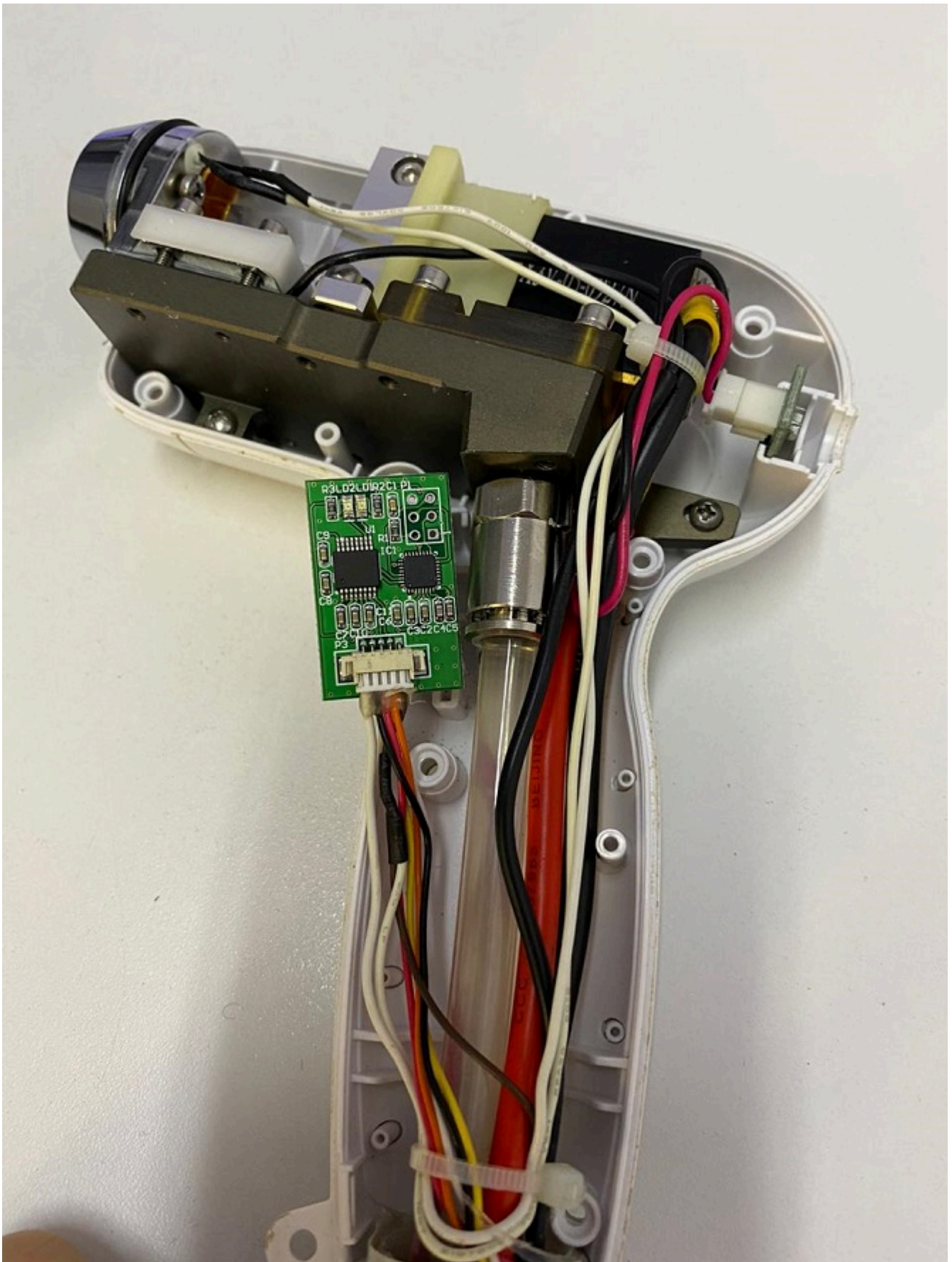
Yes, by the way, this is what a diode matrix looks like on a diode laser. The photo shows the inspection and testing of the diode stack.





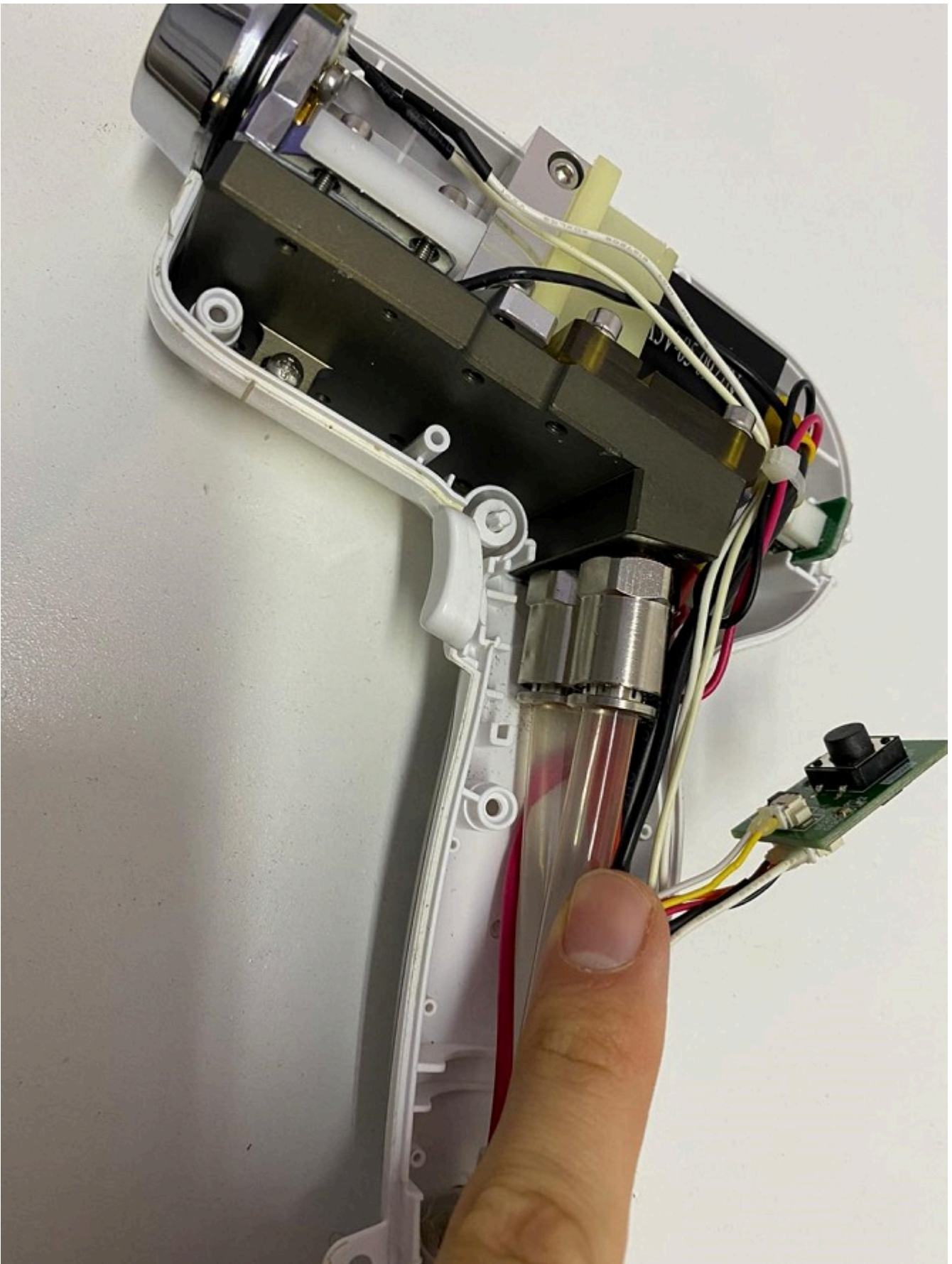
○ ○ HUAWEI Mate 10  
NEW LEICA DUAL CAMERA

The photo below shows a disassembled handpiece of a Honkon diode laser.



When replacing the diode matrix, the entire system must be cleaned.

These devices have a microchannel matrix. Features of microchannel bars in one of the posts in this section ([/blog.html](#)) . Briefly, the meaning is that during operation, regardless of the load, the channels of these matrices become clogged. Consequently, water passes through worse and the cooling of the diode laser is slower.

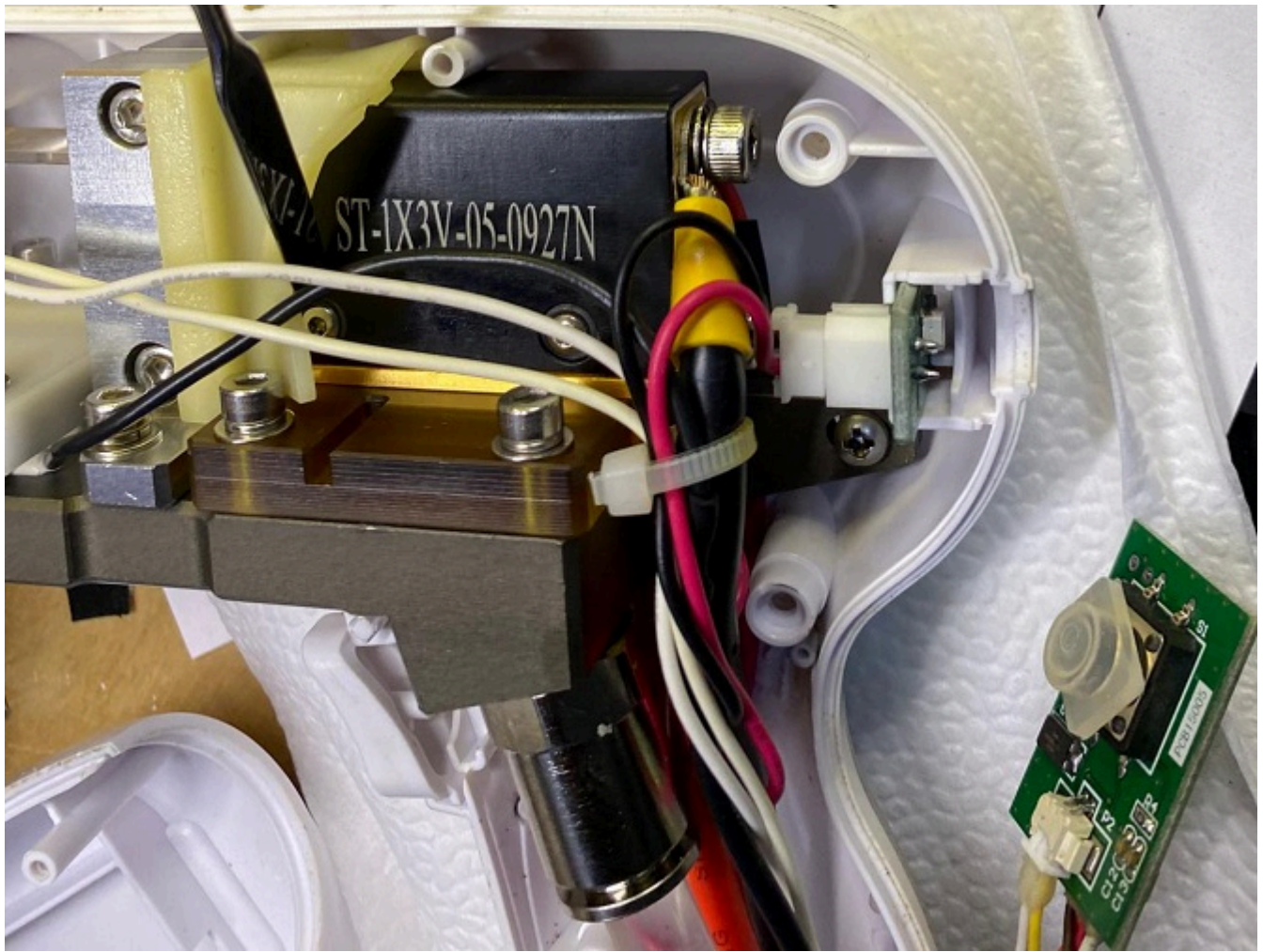


If you stop seeing flashes from the diode laser handle, then you should look inside with the device turned off. Black dots indicate that your diode assembly has burned out.

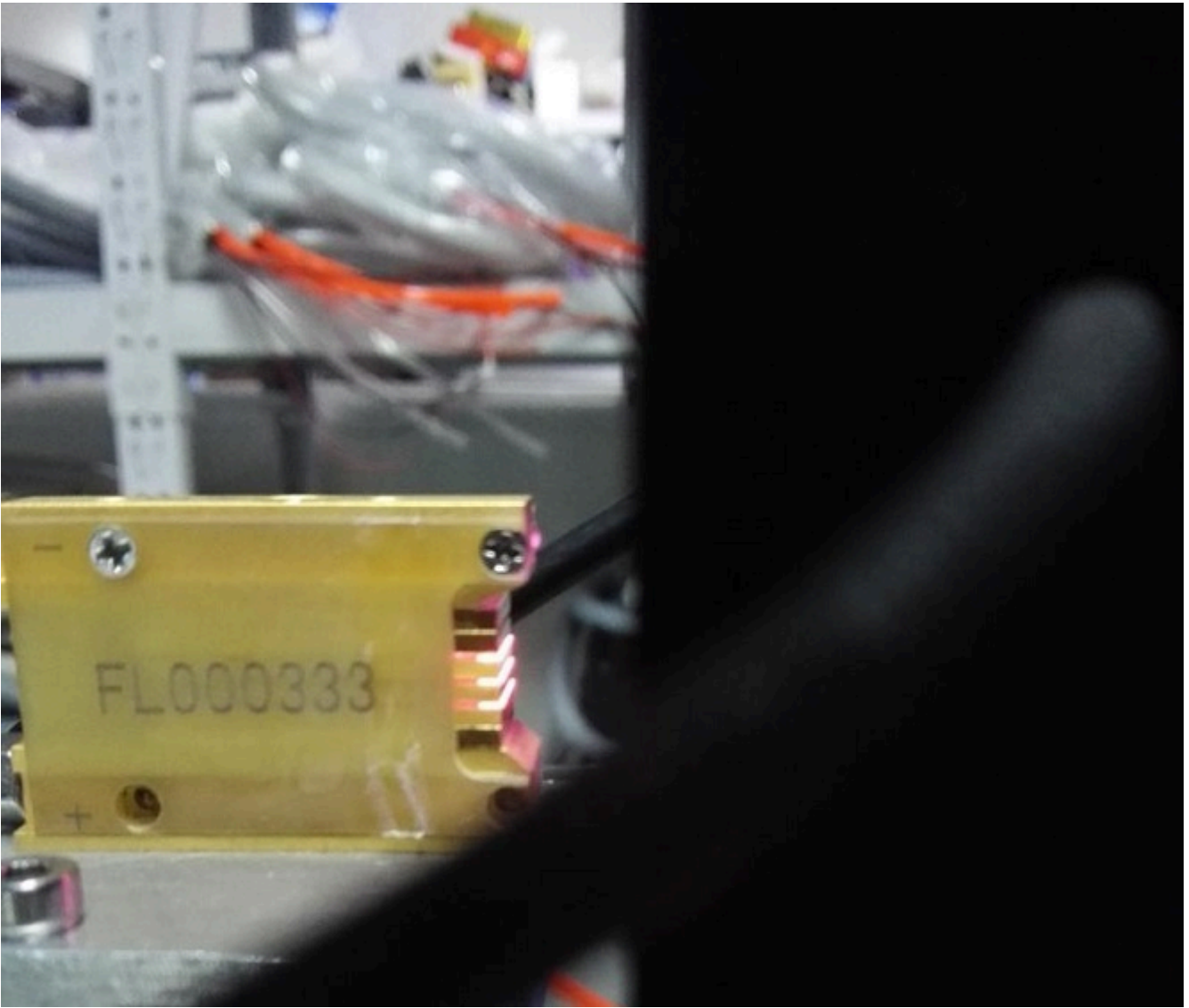
Change water and filters often. This is cheaper than the cost of a diode matrix. I cooperate with manufacturers of spare parts and other components for diode lasers. But no price for water and filters can compare with the cost of repairs. This is advice.



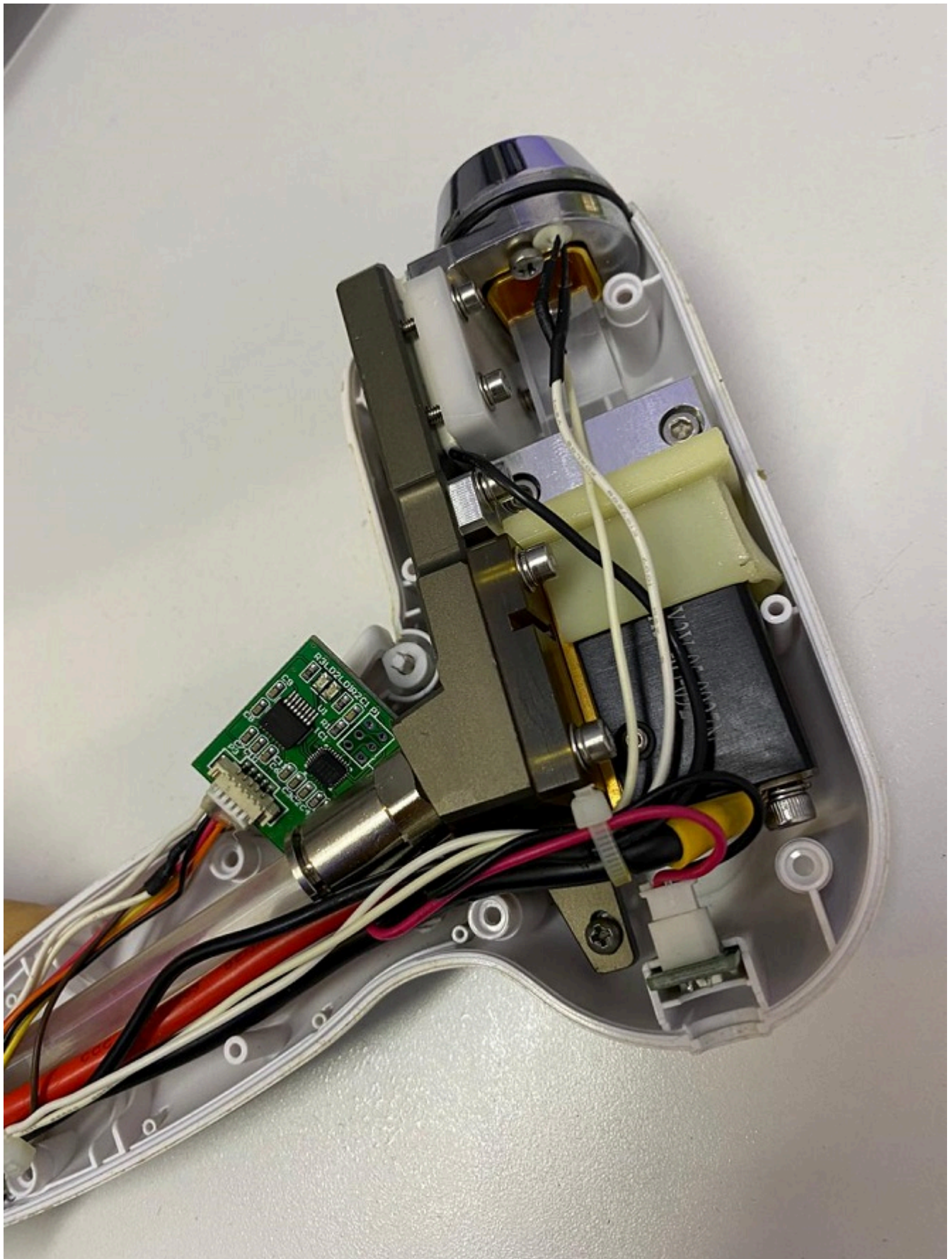
To order a matrix (if it is burnt out), you will need to send a photo of the disassembled internals. In fact, there are a lot of options for diode matrices.



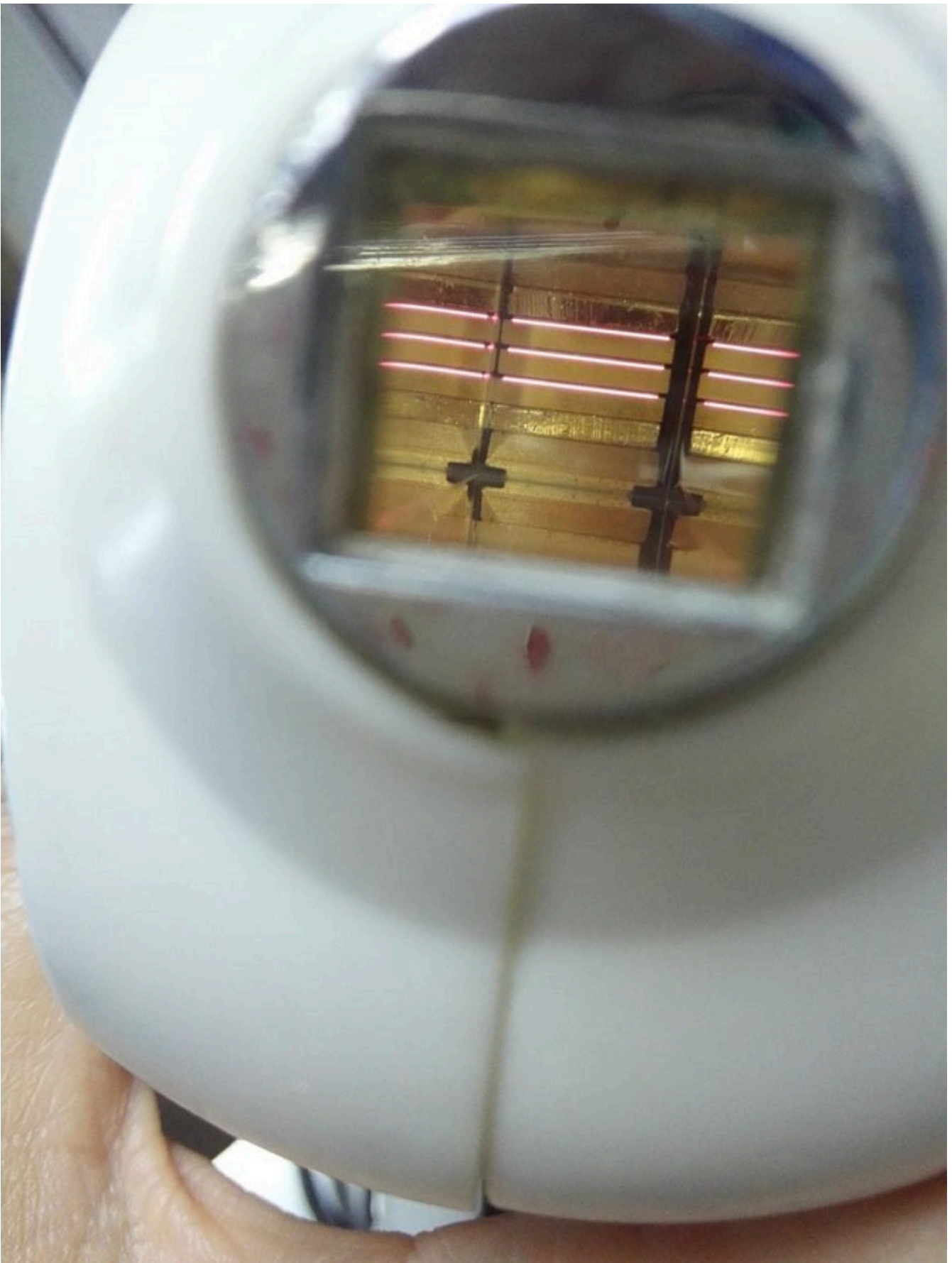
The photo below shows the diode stack of the Honkon 808 laser epilator. There are 6 bars (3 decoys and 3 bars of 100 Watt each). It is the microchannel bar that has a power of 100 watts. But because of this, good cooling of the handpiece is required.



If you have questions about repairs, you can always consult me. +7(918)0110-234. Novel.

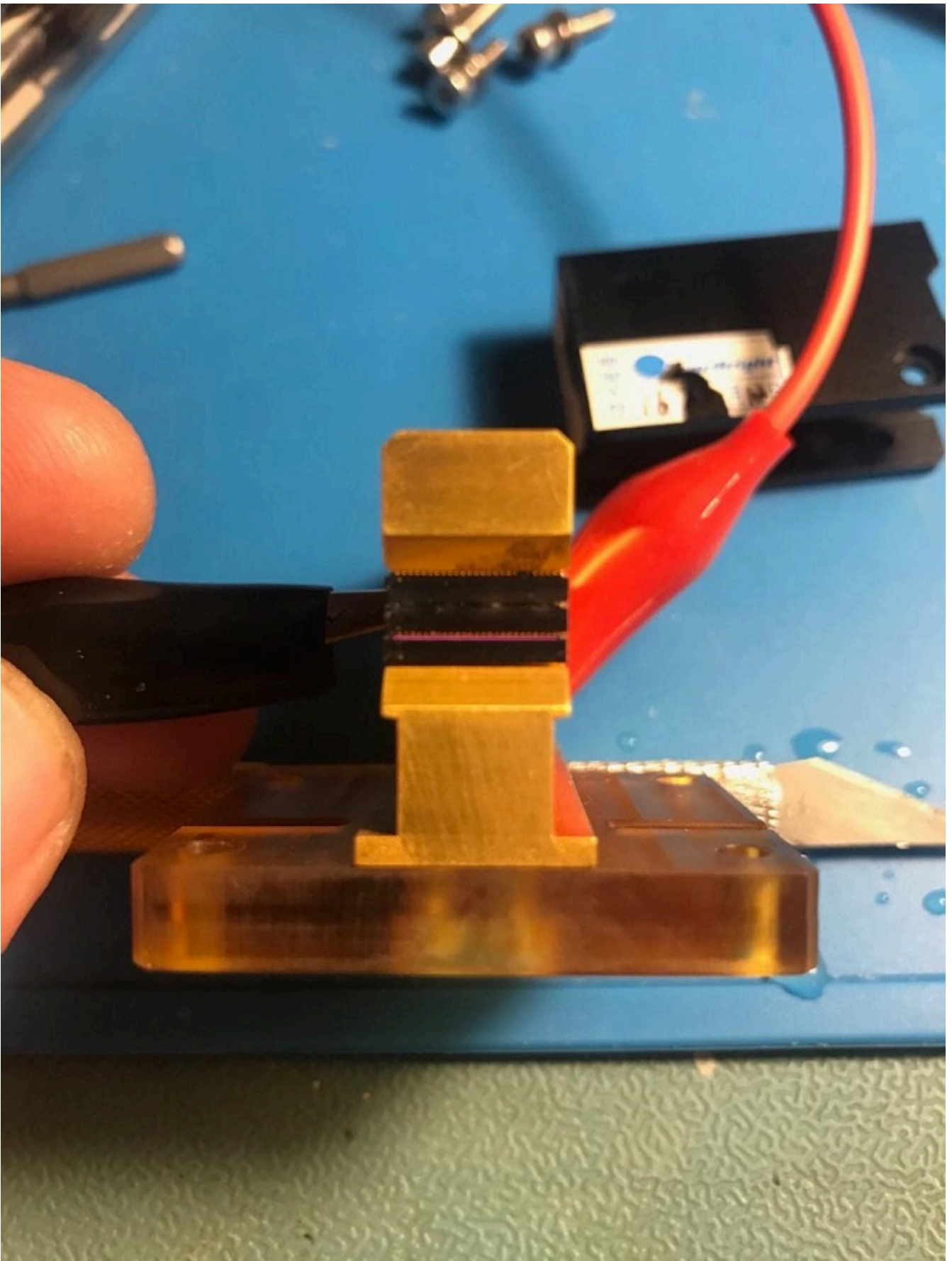


The photo below shows a working diode matrix. As you can see there are no blackheads.



And this is what the Honkon diode matrix looks like with 2 of 3 bars in this version of the diode stack.

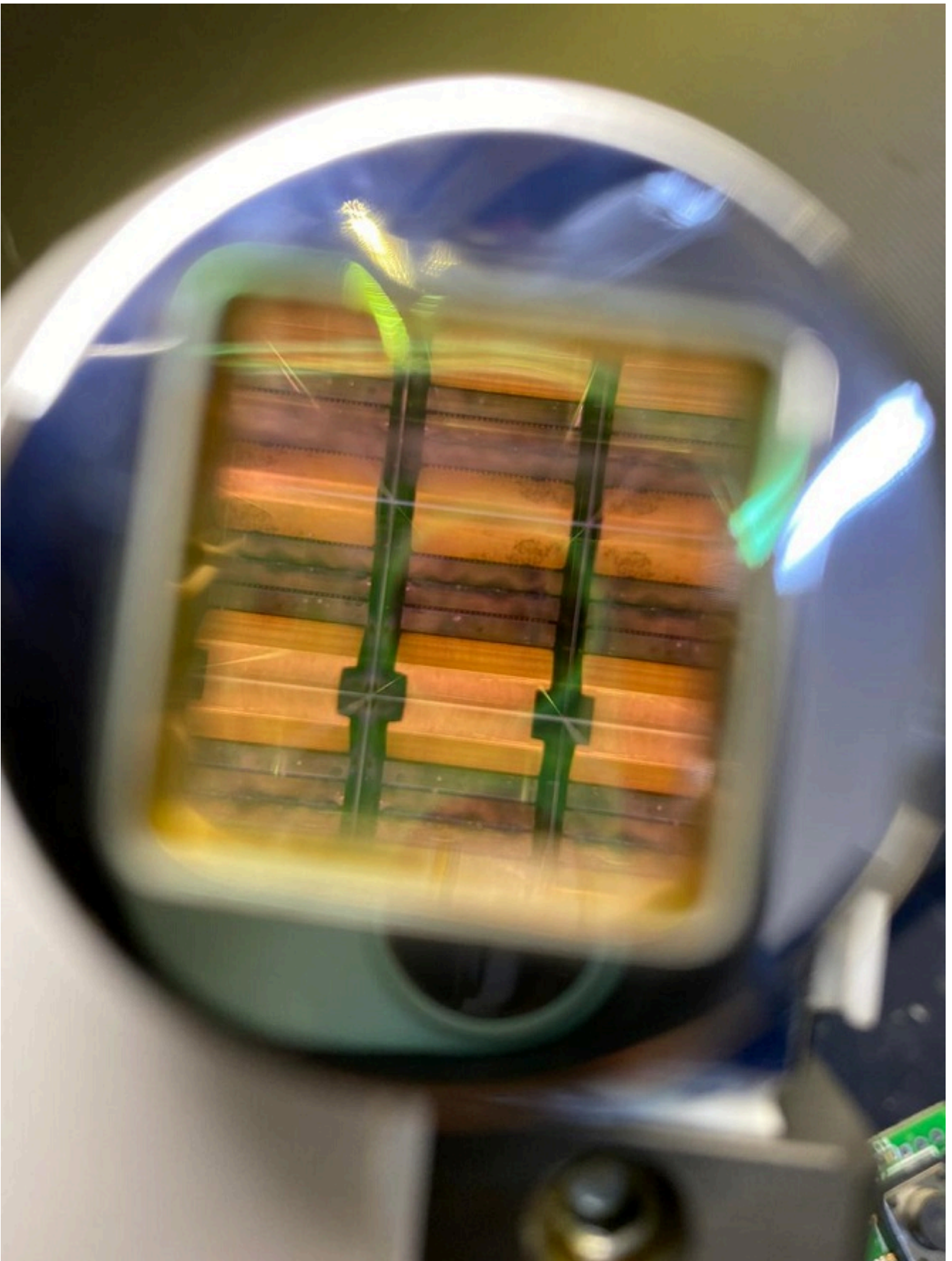




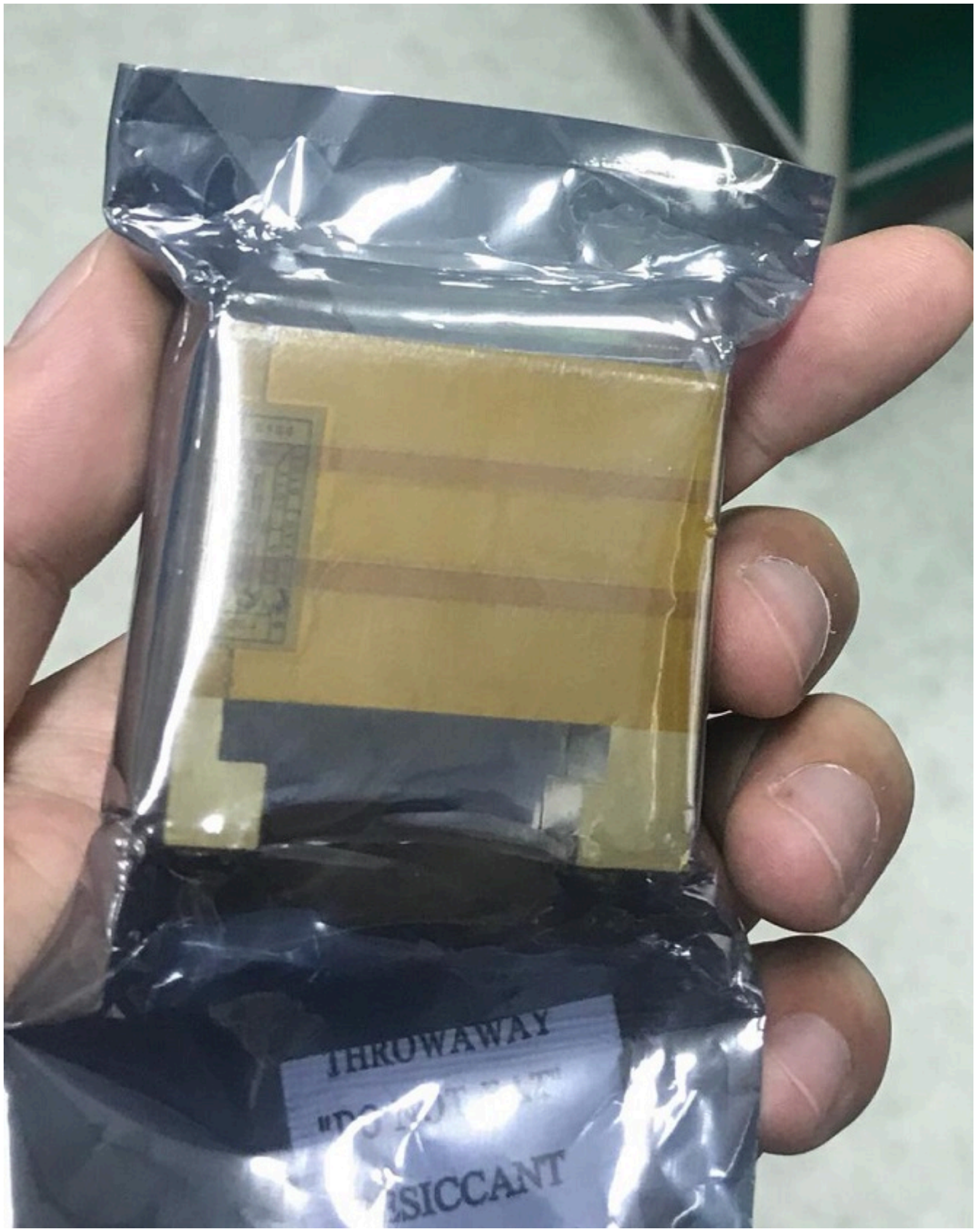
I repair various models of cosmetology equipment.

I also cooperate with factories in China and can offer new devices (</prodazha-lazerov-1.html>) .





When ordered, parts are supplied after inspection at the factory.

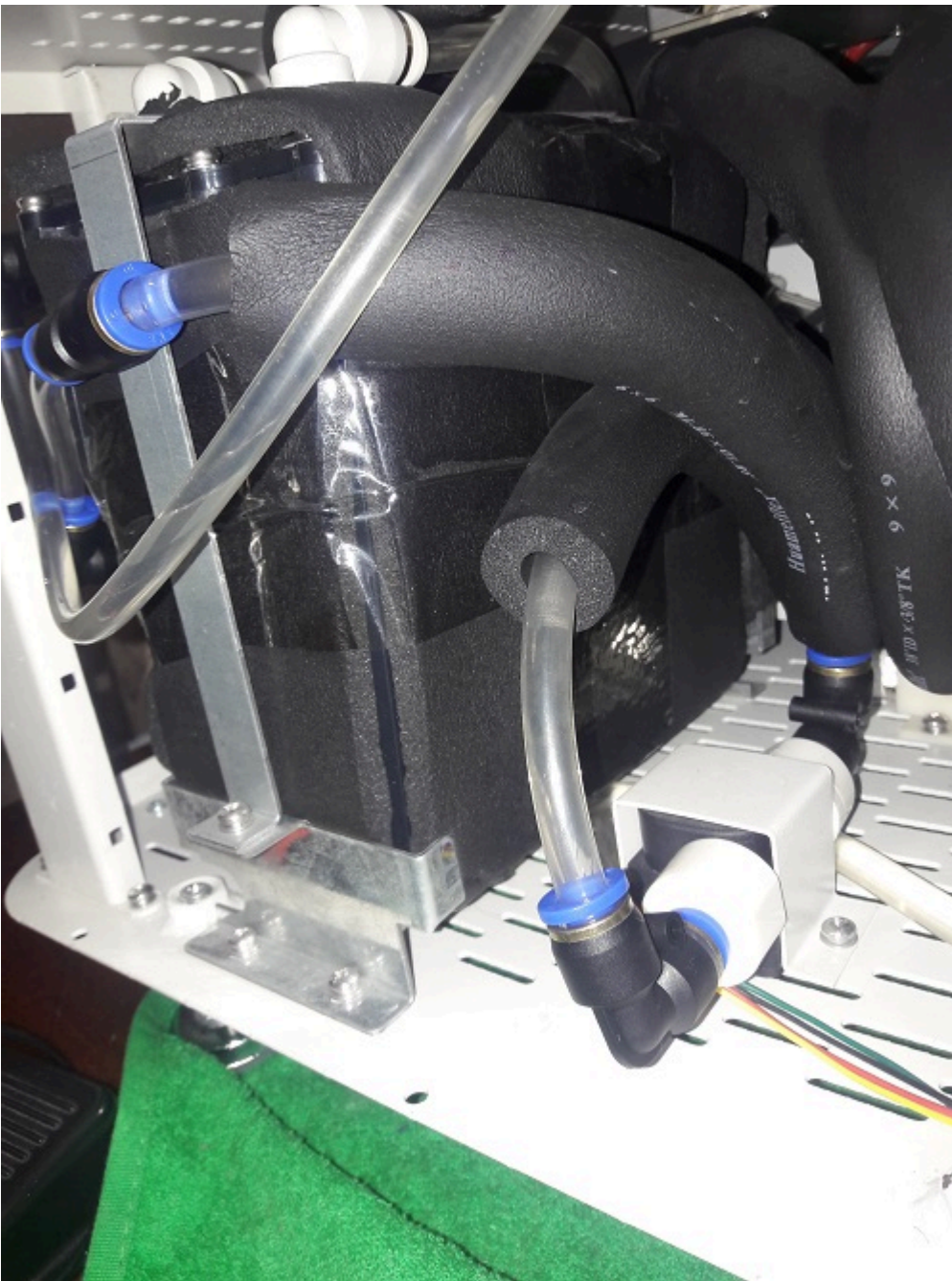




There are also problems with water cooling. Sometimes the pump can be repaired. I can also offer a new one.



The Honkon diode laser contains various sensors. They determine the speed of water flow, water temperature, and ion content in water. If there is a problem, you will see an alert on the touch screen of your beauty laser.



Replacing filters in any device requires certain subtleties. The simplest advice is not to confuse anything, capture it in the photo.

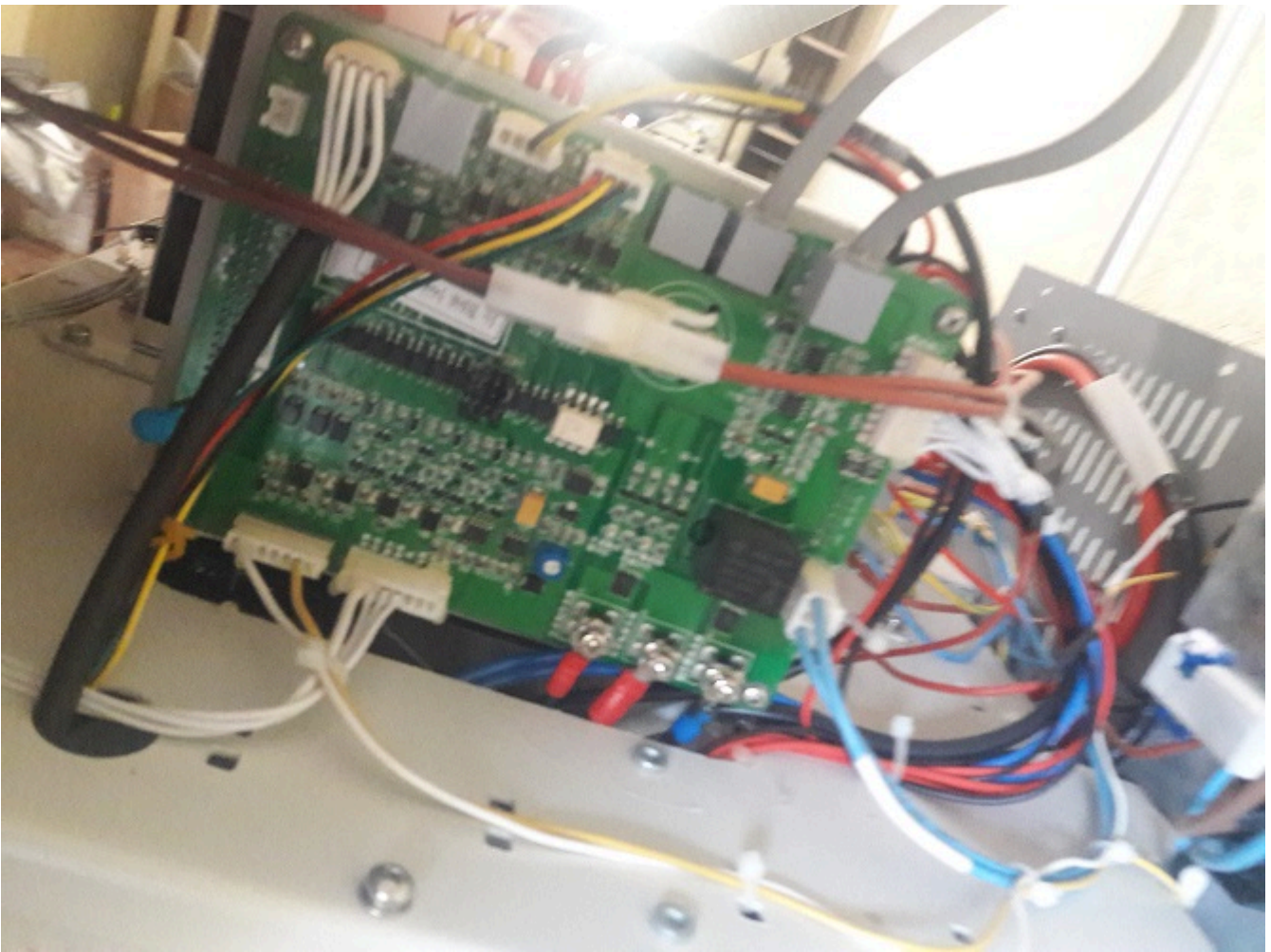


It can be said that the Honkon 808 diode laser is well thought out when it comes to protection measures.

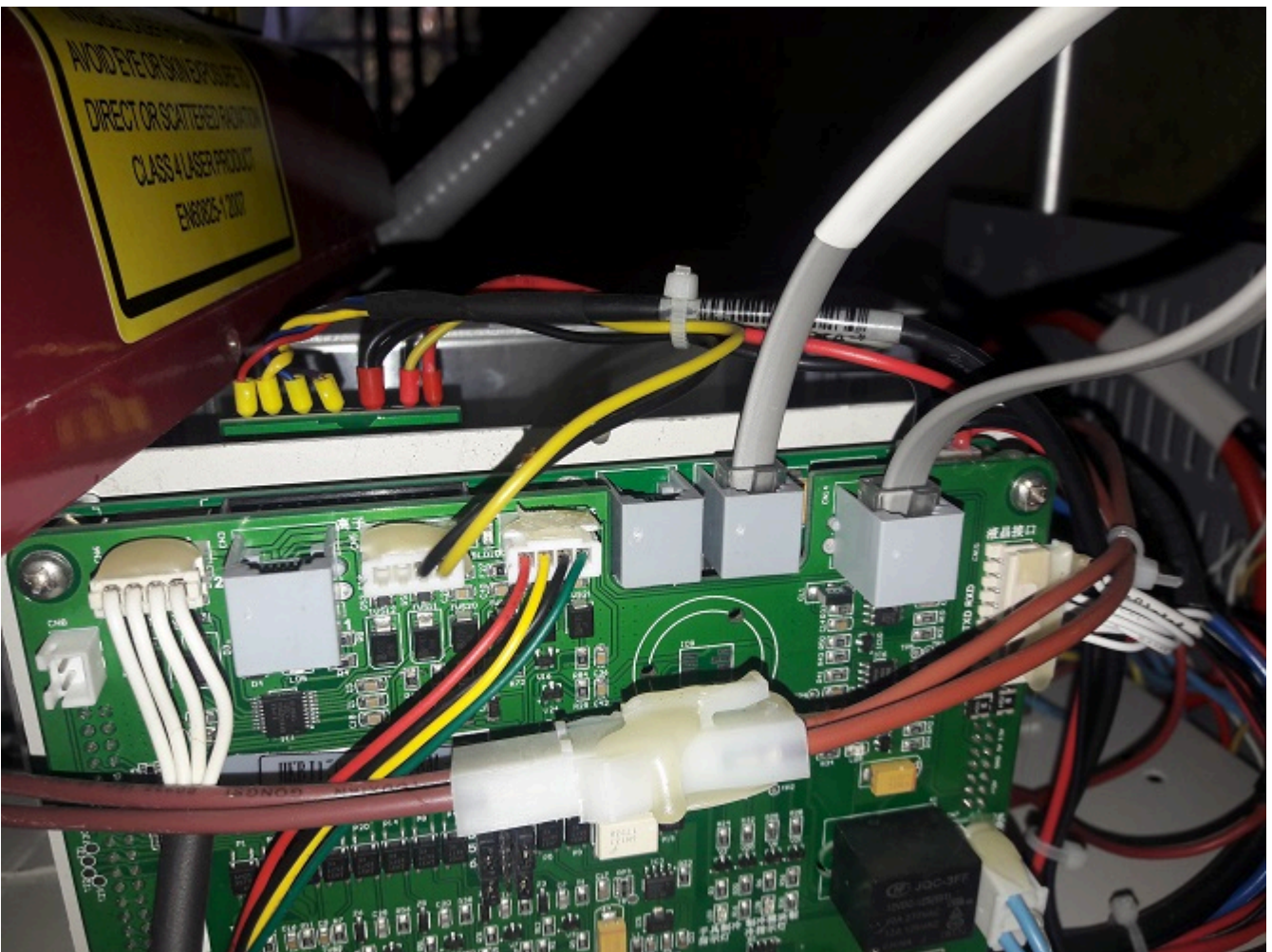


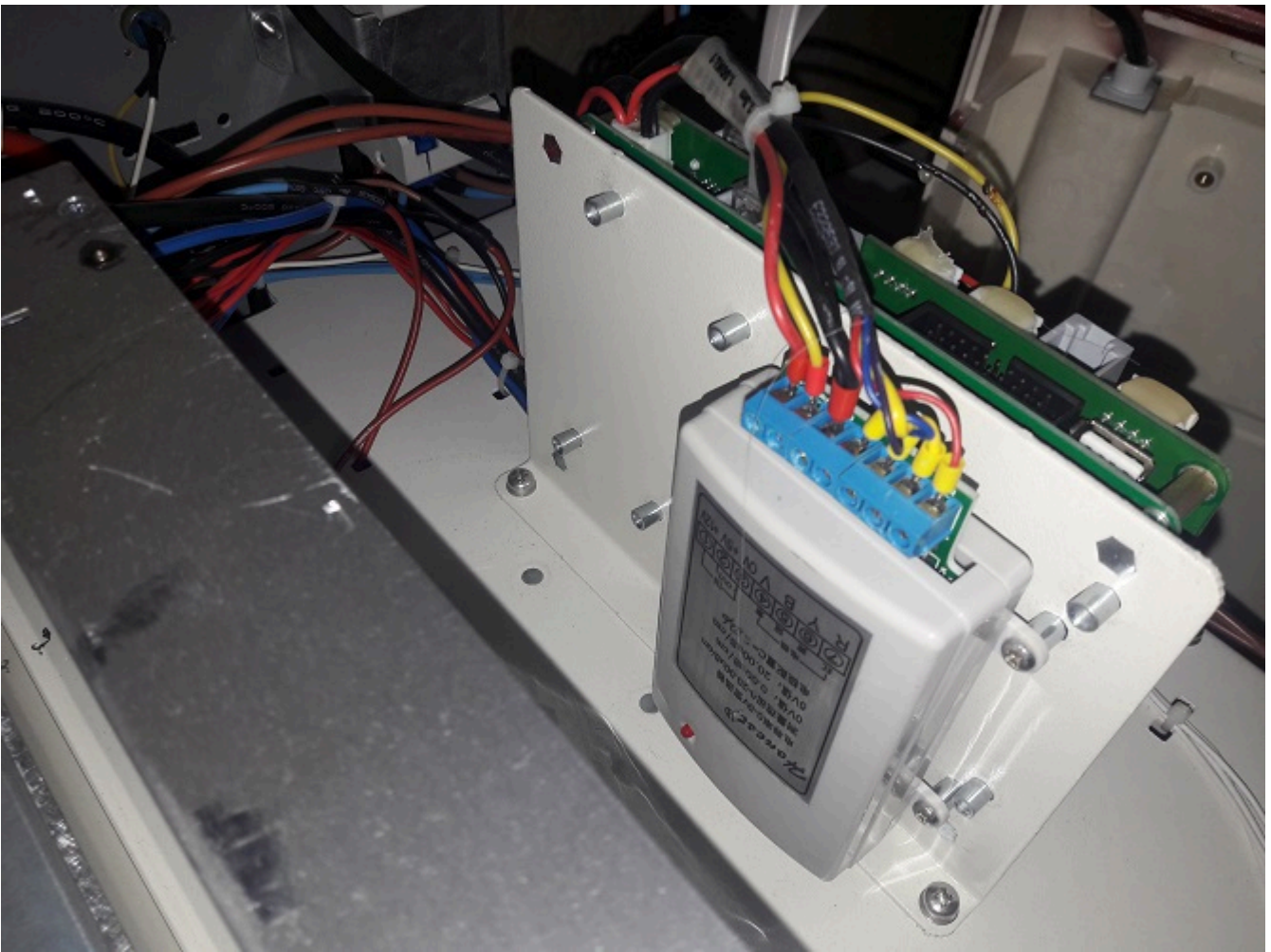
This is what the diode laser control board looks like. It receives signals from sensors.





There may also be problems with electronics.





Prevention of diode lasers. Repair of diode laser Honkon (Honkon) Honkon 808al-01, HONKON FL, Honkon YILIYA-808FL-01, Honkon KK 03, Honkon 808kk-03, Honkon YILIYA-808FL-01, HONKON-M90e. Replacing filters. An example of a burnt matrix in the handpiece (handle) of a laser epilator.

**Sale of spare parts and components with delivery throughout Russia and the CIS.**

**To order and consult** on spare parts and **components for diode lasers, pedicure devices, LPG devices,** email [Gnenik\\_roman@mail.ru](mailto:Gnenik_roman@mail.ru) (mailto:Gnenik\_roman@mail.ru)

**phone** (whatsapp, telegram) +7 (918) 0110-234 (Roman).

**Filters for diode laser** D-las, Honkon, Kiers and other diode lasers in the next section of the site (<http://www.romshi-shop.ru/vodyanye-filtra-dlya-lazerov.html>) .

For repairs, you can send me a device from the cities of Rostov-on-Don, Sochi, Voronezh, Anapa, Yeysk, Stavropol, Moscow, Essentuki, Gelendzhik, Novochoerkassk, Kropotkin, Armavir, Tuapse, Adler, Bataysk and others.

Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Honkon 808KK-1200 (хон...



Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Krasnodar, Moscow repair of neodymium Nd:YAG laser for tattoo removal. No pilot beam. (/remont-lazerov/191-krasnodar-remont-neodimovogo-nd-yag-lazera-dlya-udaleniya-tatuazha-net-pilotnogo-lucha.html)

Krasnodar, Moscow repair of neodymium Nd:YAG laser for tattoo removal and carbon peeling. No pilot beam. Prevention and maintenance of neodymium lasers. Sale of diode, neodymium laser in the city of Krasnodar. There is no pigment removal during operation. The sensor does not respond to touches.

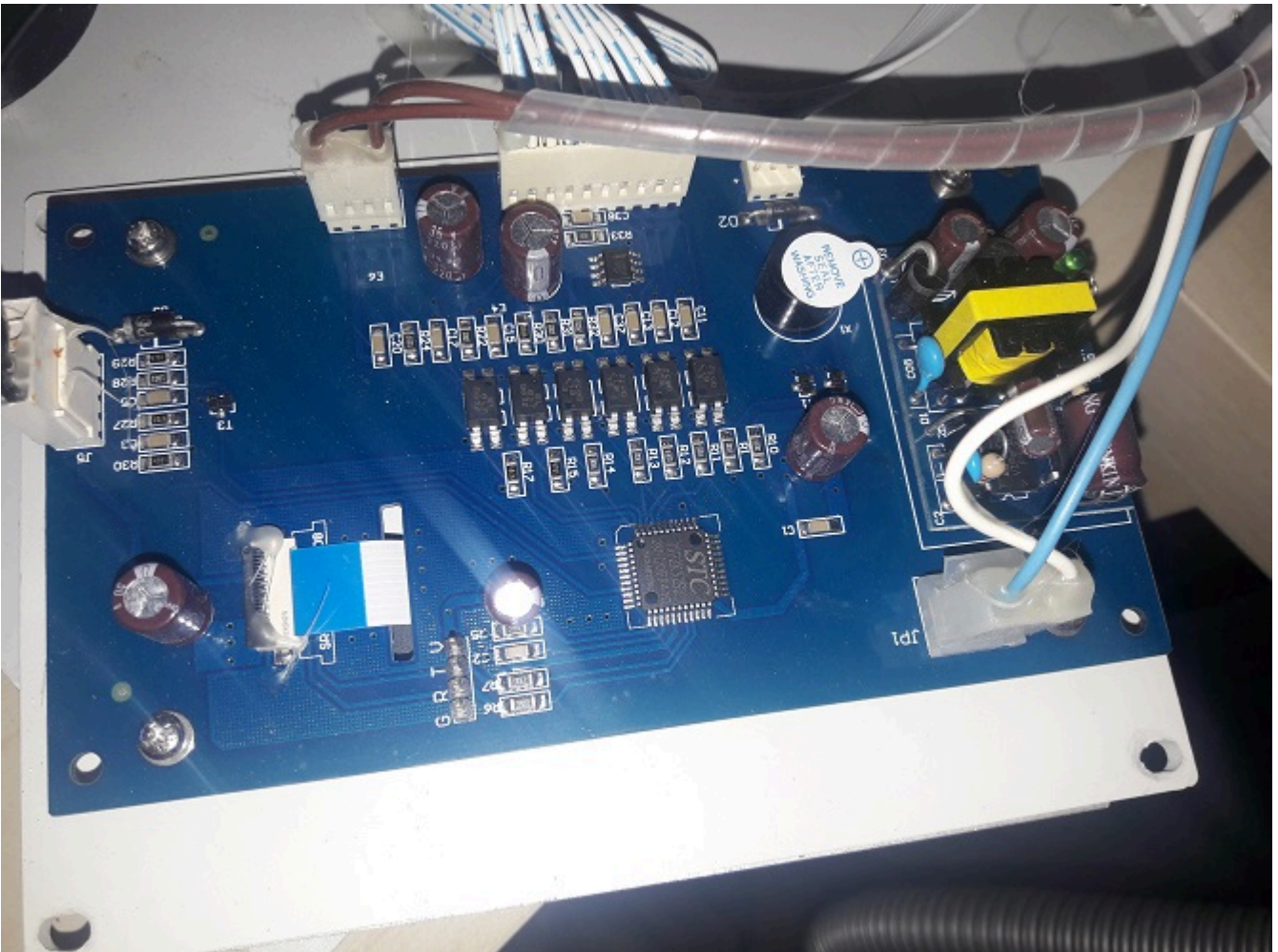
The photo below shows a neodymium laser for tattoo removal.



There was a complaint that there was no pilot beam. The device was disassembled and troubleshooting was carried out.



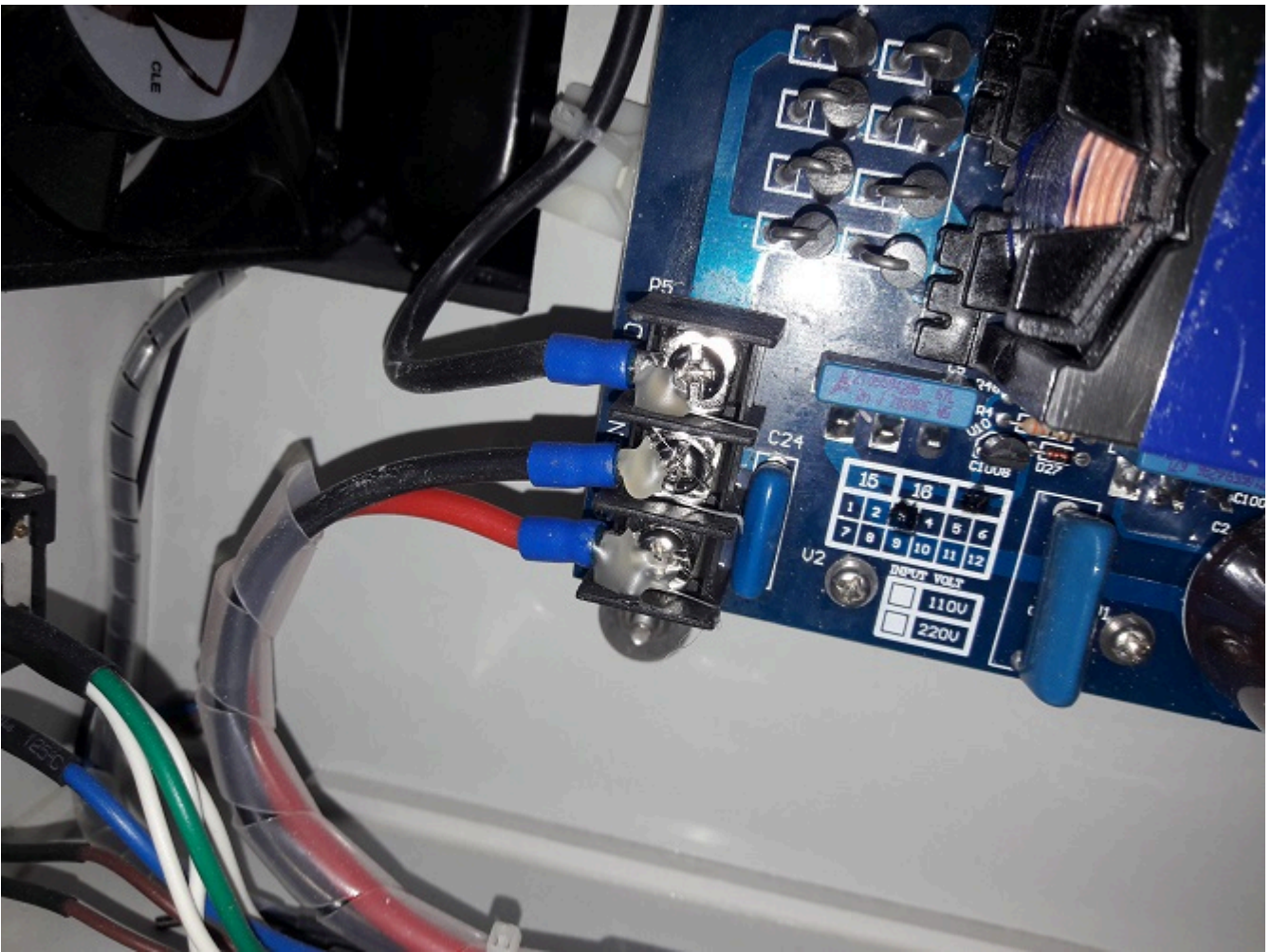
This is what a neodymium laser control board looks like. There is a microprocessor that is separated by an optocoupler, which can only protect the neodymium laser from some serious breakdowns and malfunctions.



The photo below shows the water temperature sensor. It can be seen that it is attached to the fitting. In cheap Chinese lasers for tattoo removal, it hangs in the air so that the software of the neodymium laser does not complain about the high temperature of the water when it overheats.



Thick wires go to the 1400 volt capacitor. Energy is stored in it and then supplied to the lamp.



The process of disassembling the Nd:YAG laser. Neodymium lasers are used to remove tattoos.



I repair cosmetic lasers and cosmetology equipment in the city of Krasnodar.





The Nd:YAG laser pen contains water cooling and wires that power the lamp. In this case there was also a pilot beam.



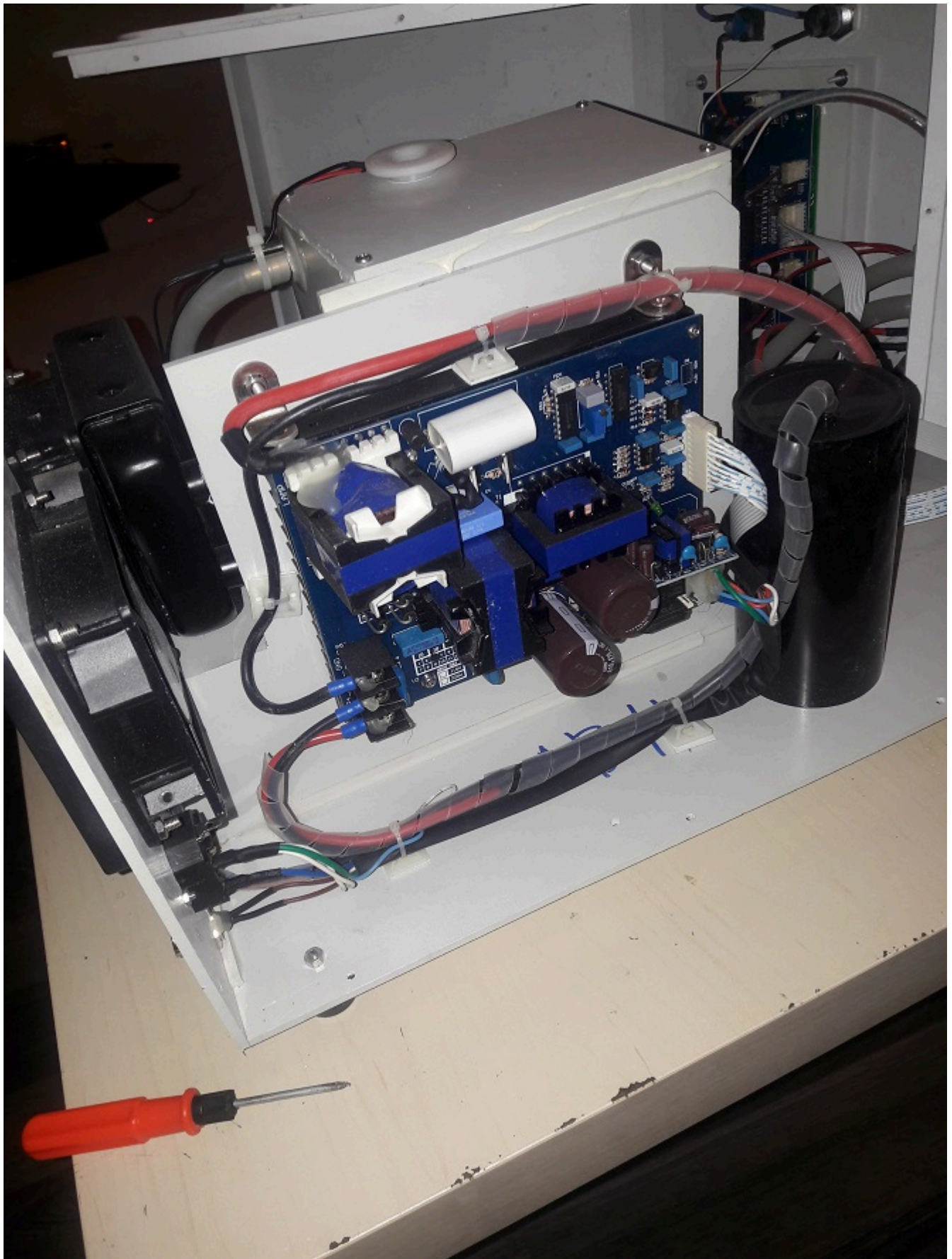
It is important that there is distilled water inside the neodymium laser water system. Regular tap water contains impurities. From them, when it boils, there will be a coating on the lamp and crystal. Consequently, the neodymium Nd:YAG laser will fail.



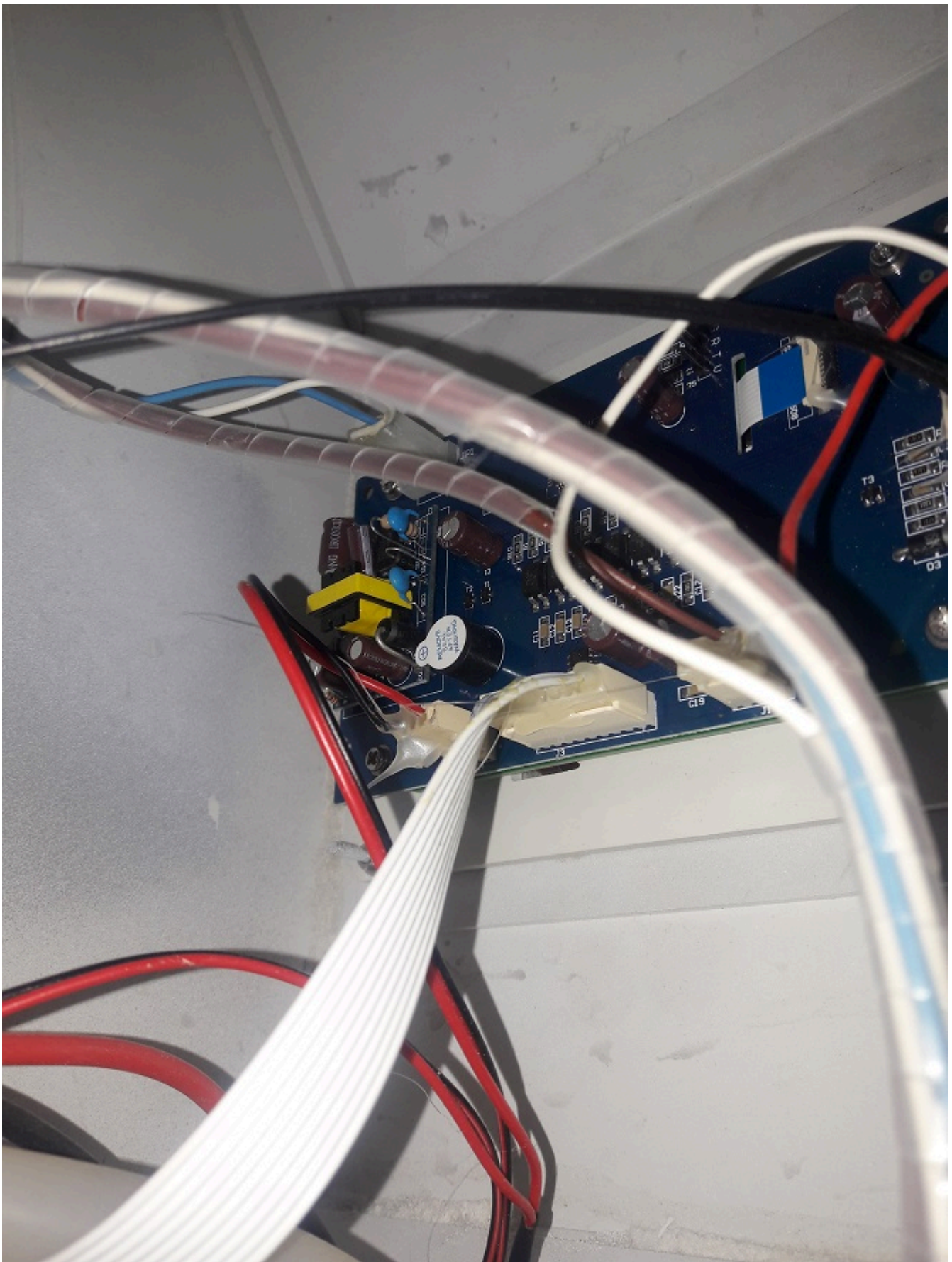
The photo below shows a water container. At the bottom there is a pump that pumps water.



Neodymium laser lamp ignition board. **If you are interested in repairing cosmological equipment, then you can contact me by phone 8(918)0110-234 Roman.**



The photo below shows a piece of the control board for this neodymium laser for tattoo removal.



Neodymium laser hose connector. The water itself will not flow out of the hose unless it is connected to the laser. There is a special connector for this.



Disassembled Nd:YAG laser. The photo shows its insides and display. Touch display. If it doesn't work for you, there may be various reasons.



Repairing lasers requires some experience and knowledge.



As for Chinese neodymium lasers, connectors often fly out during transportation... unless of course they are glued on))





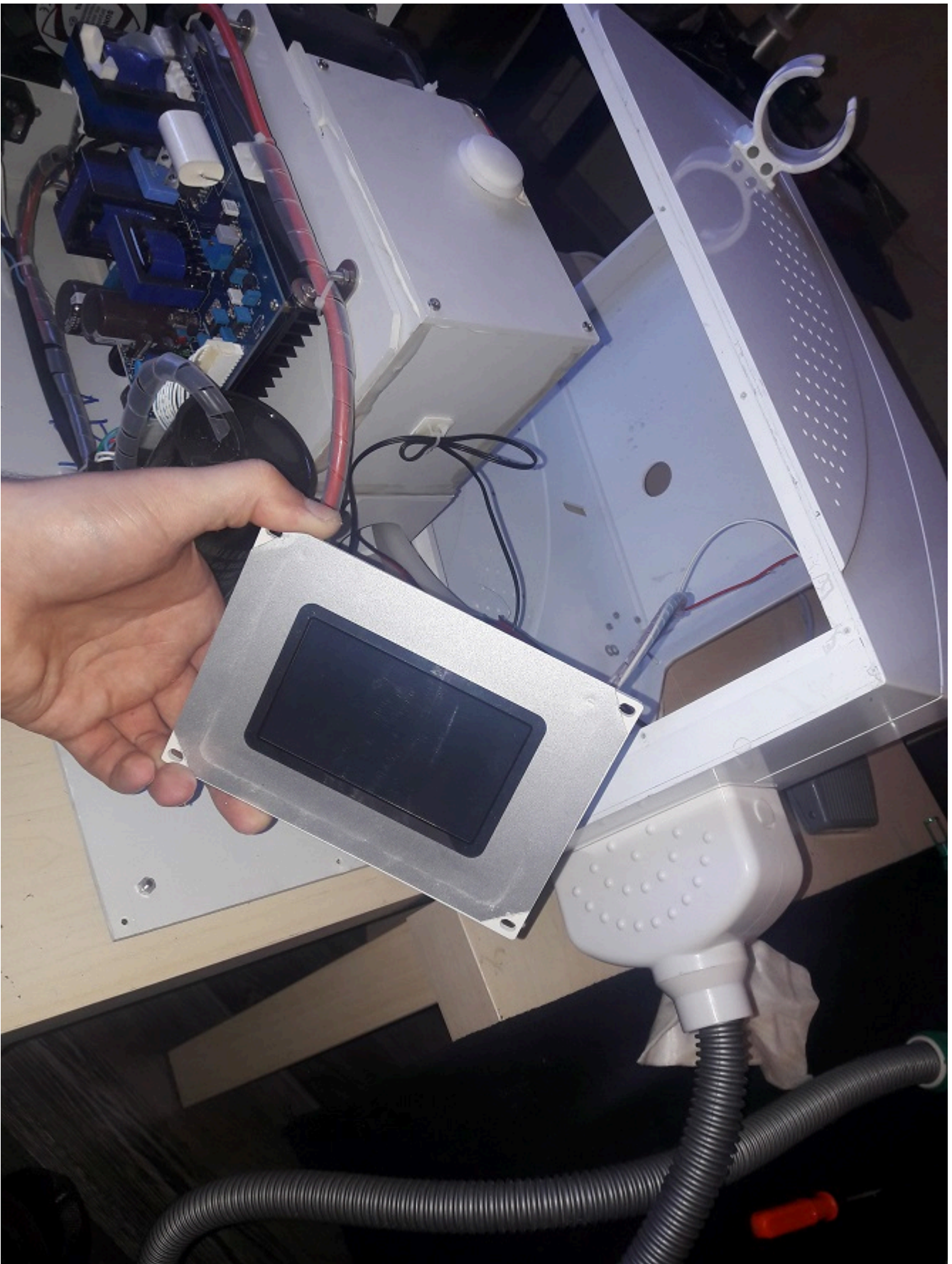
A good neodymium laser will have a radiator to cool the water. Unfortunately, cheap Chinese lasers do not have this. And often there are no water flow sensors. That is, if the pump breaks, the client will not know. The lamp will overheat and fail.



A neodymium laser, like any complex device, needs cleaning and maintenance, checking the functionality of all systems.



There is a laser diode inside the pen, which is easy to damage. During this repair of the pilot beam there was a broken wire.



I also repair in Krasnodar cavitation devices, RF lifting, cryolipolysis, ultrasonic cleaning, centrifuges for plasma lifting, machines for tattooing, permanent makeup and their control units, LPG vacuum roller massage devices, both for oil and body, pedicure devices and machines for manicure, chairs and couches with electric motors.



During the inspection process of a beauty laser, all its systems are checked.



There are many neodymium and diode lasers on the market today. And problems can arise with any device.



If you have a problem with your diode, neodymium laser, photoepilation device or Elos, then you can contact me by phone **8 (918) 0110-234**.

You may have a black screen, cotton inside the device, weak flash power, liquid leaking from under the body, a squeaking sound from the device, some kind of error pops up on the screen, or you need preventative maintenance and cleaning of the device. Repair of cosmetology lasers in Krasnodar, Rostov, Voronezh, Crimea, Simferopol, Gelendzhik, Anapa, Sochi, Armavir, Kropotkin, Tikhoretsk, Shakhty, Bataysk and other cities.

Repairable models of neodymium lasers Honkon MV9, MBT-800, KEY Laser K690, KES MED 810A, HONKON MV12, Nano-Light 50, ADSS RY-280, KES MED 810A, ADSS GL-Q1, KEY-630+, Honkon MV2008, VCA Laser VN5, Neodymium laser H101 PRO, Laser tattoo remover 1800i (H101) Device for laser removal of tattoos and carbon

peeling SA-TL01, Laser RL-A01 Q-switch, YAG, Neodymium laser (Nd: YAG Laser) US400N, Device XZ- 2E18fi others.

**With respect, Roman. 8(918)0110-234.**

Диодный стек, лазерный бар 200, 250, 300, 350, 500, 60...



Обзор ручки диодного лазера Honkon 808KK-1200 (хон...





Ручка для неодимового лазера ND:YAG, из чего состои...



Внутренности ручки диодного лазера #zollaser #золлаз...



Diode laser repair Krasnodar. The protective glass is cracked. There are no flashes with a diode laser. Black spots inside the diode matrix. (</remont-lazerov/190-remont-diodnogo-lazera-krasnodar-tresnulo-zashchitnoe-steklo-net-vspyshek-u-diodnogo-lazera-chernye-pyatna-vnutri-diodnoj-matrity.html>)

Cosmetology laser does not start from the pedal, fractional CO2 laser repair in Krasnodar. (</remont-lazerov/181-ne-zapускаetsya-ot-pedali-kosmetologicheskij-lazer-remont-fraktsionnogo-lazera-co2-v-krasnodare.html>)

Repair of neodymium lasers for tattoo removal and carbon peeling in Krasnodar. In a neodymium laser, a squeak does not allow the system to work and does not indicate readiness.. (</remont-lazerov/167-remont-neodimovykh-lazerov-dlya-udaleniya-tatuazha-i-karbonovogo-pilinga-krasnodare-v-neodimovom-lazere-pisk-ne-daet-rabotat-sisteme-ne-vydaet-gotovnost.html>)

Repair and installation, assembly of diode laser for hair removal. Water is leaking from under the housing. Maintenance of cosmetic lasers. (</remont-lazerov/152-remont-i-ustanovka-sboroka-diodnogo-lazera-dlya-epilyatsii-techet-voda-iz-pod-korpusa-obslyzhivanie-kosmetologicheskikh-lazerov.html>)

Repair of fractional CO2 laser for cosmetology in Krasnodar, Moscow (</remont-lazerov/151-remont-fraktsionnogo-lazera-co2-dlya-kosmetologii-v-krasnodare.html>)

Repair of diode lasers in Krasnodar, Moscow. The hair removal laser hose burst. (</remont-lazerov/150-remont-diodnykh-lazerov-v-krasnodare-lopnul-shlang-lazera-dlya-epilyatsii.html>)

Neodymium laser repair in Krasnodar. Laser for tattoo removal and carbon peeling. Inspection and diagnostics of cosmetology laser. (/remont-lazerov/149-remont-neodimovogo-lazera-v-krasnodare-lazer-dlya-udaleniya-tatuazha-i-karbonovogo-pilinga-osmotr-i-diagnostika-kosmetologicheskogo-lazera.html)

⏪ ⏩ (/remont-lazerov.html?start=11) ⏪ (/remont-lazerov.html?start=11)

Page 1 of 2

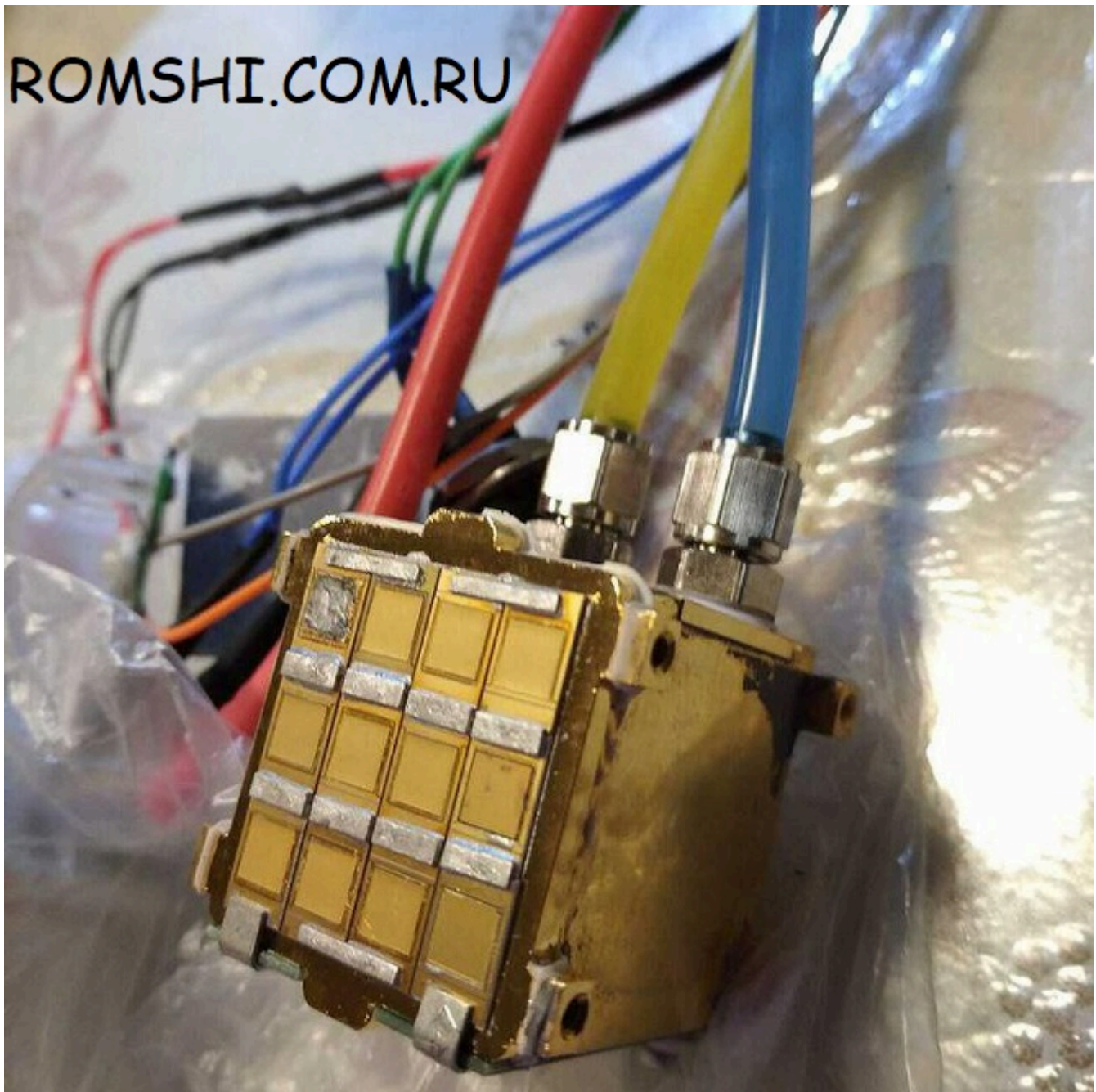
Are you here: [home \(/\)](#) ▶ [Repair of 808nm diode lasers for hair removal](#)

© 2024 ADSS, KEYLASER, Untlaser plant equipment, repairs, components, spare parts for diode lasers, cosmetology equipment, diode stacks, matrices |romshi.com.ru [Top](#)



(<https://metrika.yandex.ru/stat/?id=46440600&from=informer>)

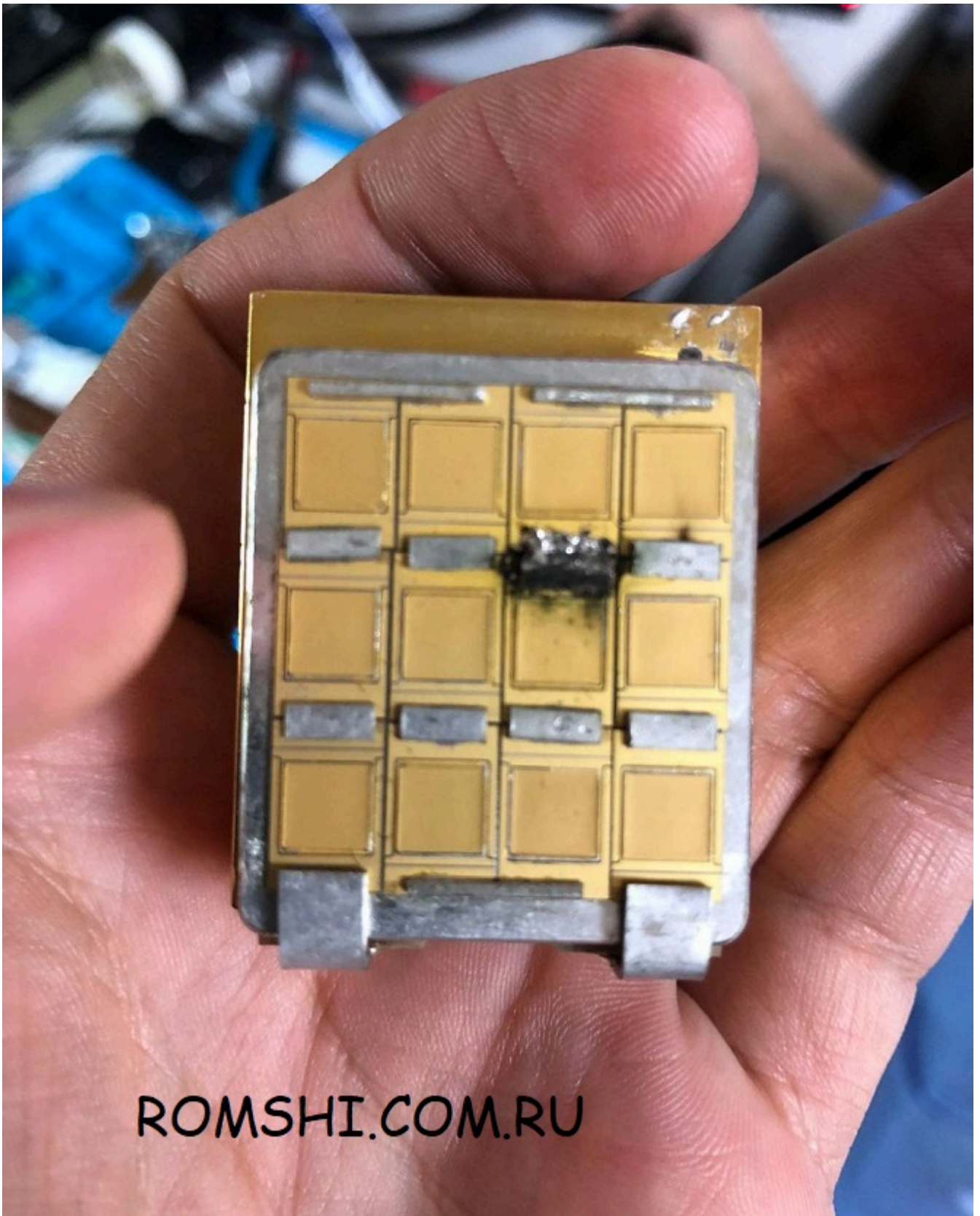
Some sellers buy devices with such handles in China and resell them, talking about the enormous power. Unfortunately, some Russian-made devices, even according to documents, are 100% made in China. There you can stick the inscription "made in Italy", but it will be Chinese.



If you are offered a device with a handle where there will be squares through the window of the laser handle, then I advise you not to take such devices. This is my opinion based on the price of spare parts, their burnout and the quality of the devices themselves.



I note that in very expensive Russian devices, the handle usually contains 9 squares. 1 square indicates 150 watts of power. Unfortunately, these are the cheapest parts and they are used in Russia and Belarus for their own devices.



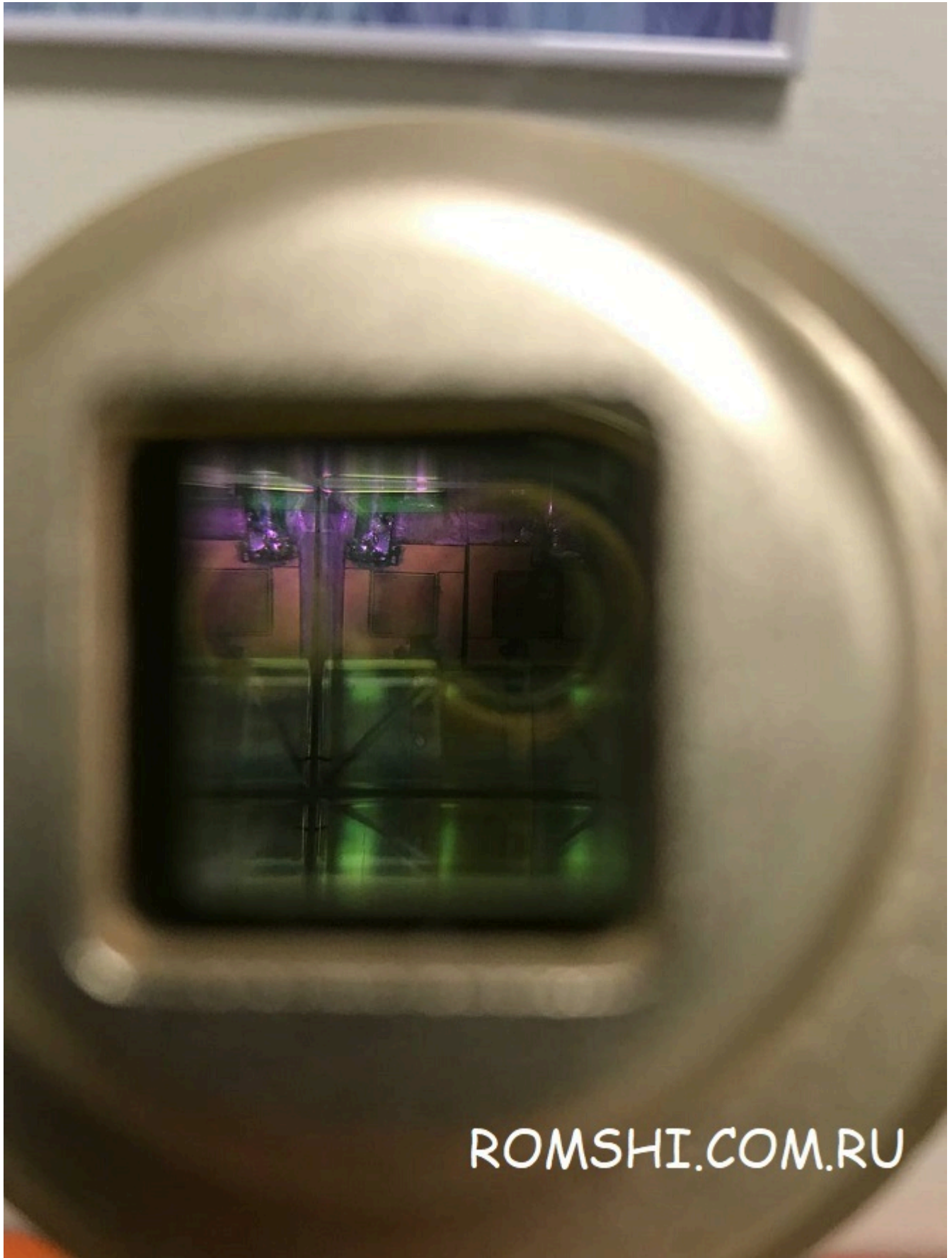
One example of a pen with a channelless diode matrix.



**I will repeat throughout this article that it is important to look at the laser pen before purchasing .** What kind of diodes are there? I think it's no secret that many laser manufacturers in China initially sell noodles to inexperienced buyers.



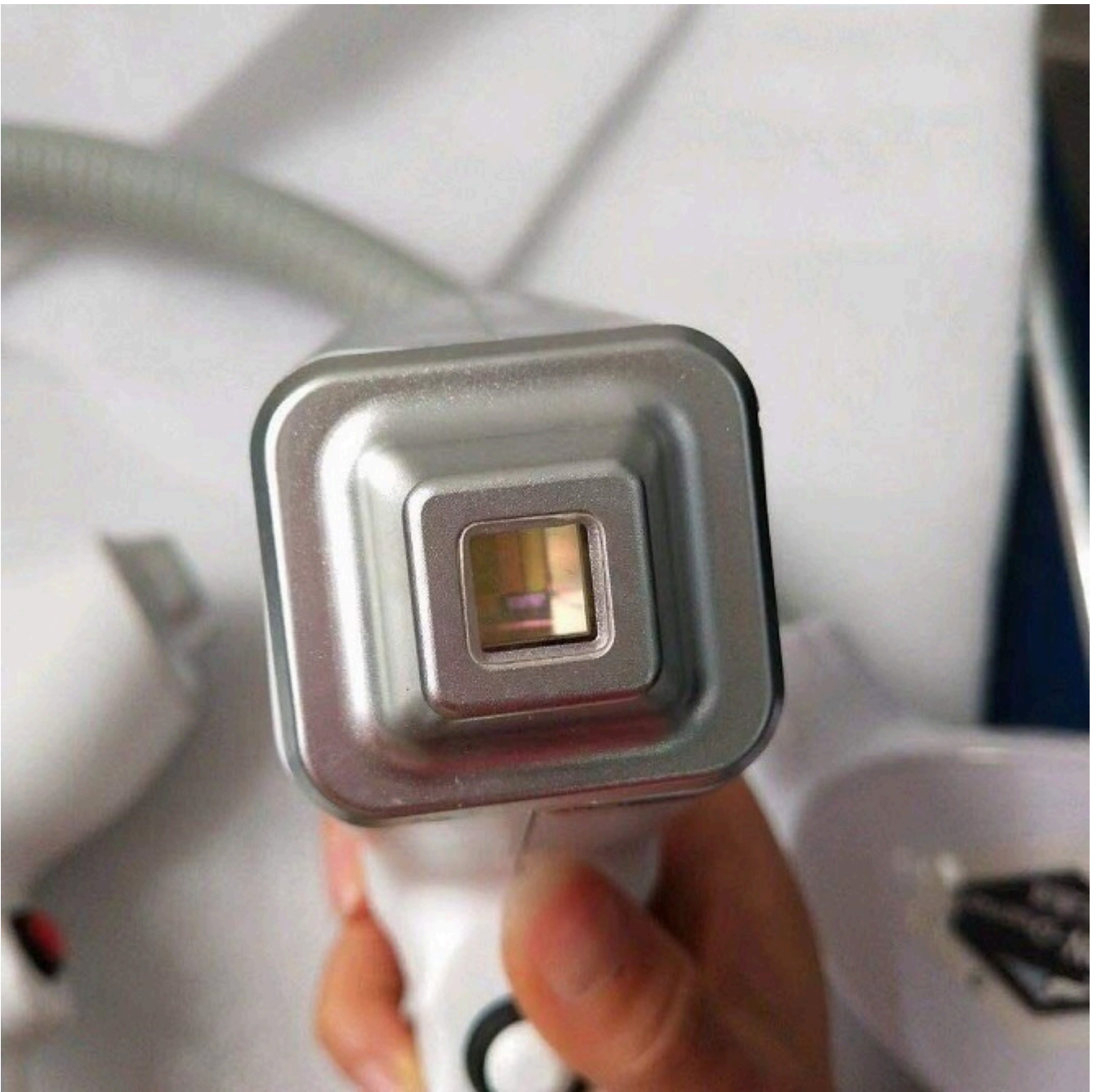
And one more example without a channel diode matrix.



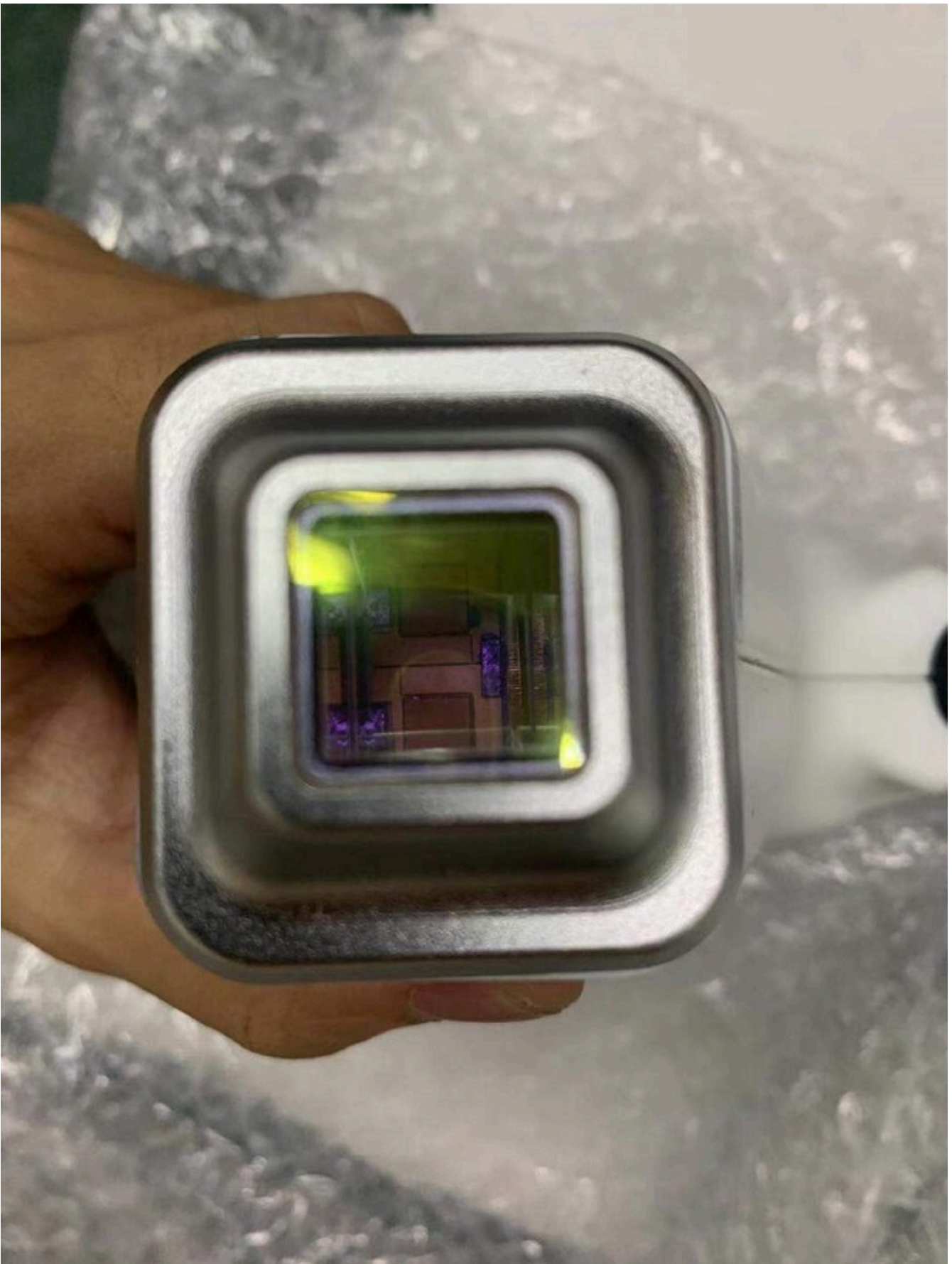


If this diode assembly has burned out, delivery from China is possible.





In the photo below, you can see exactly those “squares” in the handle of the diode laser. They are standard 5 by 5 mm in size.



To understand how much power a diode laser emitter has, you need to count the number of squares.

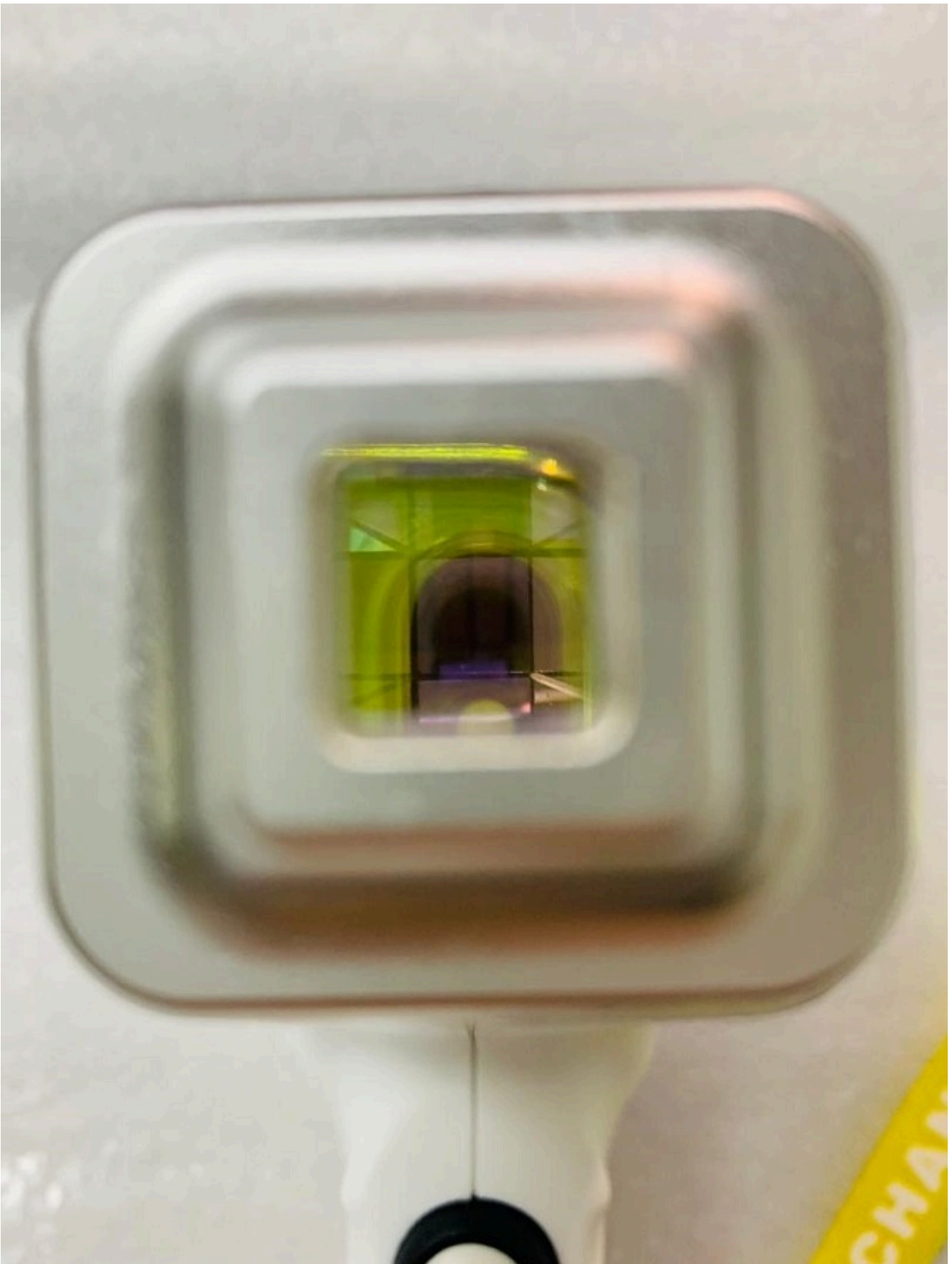
With a square side size of 5 mm, the power of one square is 150 watts.

Therefore, if you had 3 square emitters, then the output power was 450 watts.

This is what the base looks like, on which, for example, diodes are soldered



You can consult by phone - 8(918)0110-234.

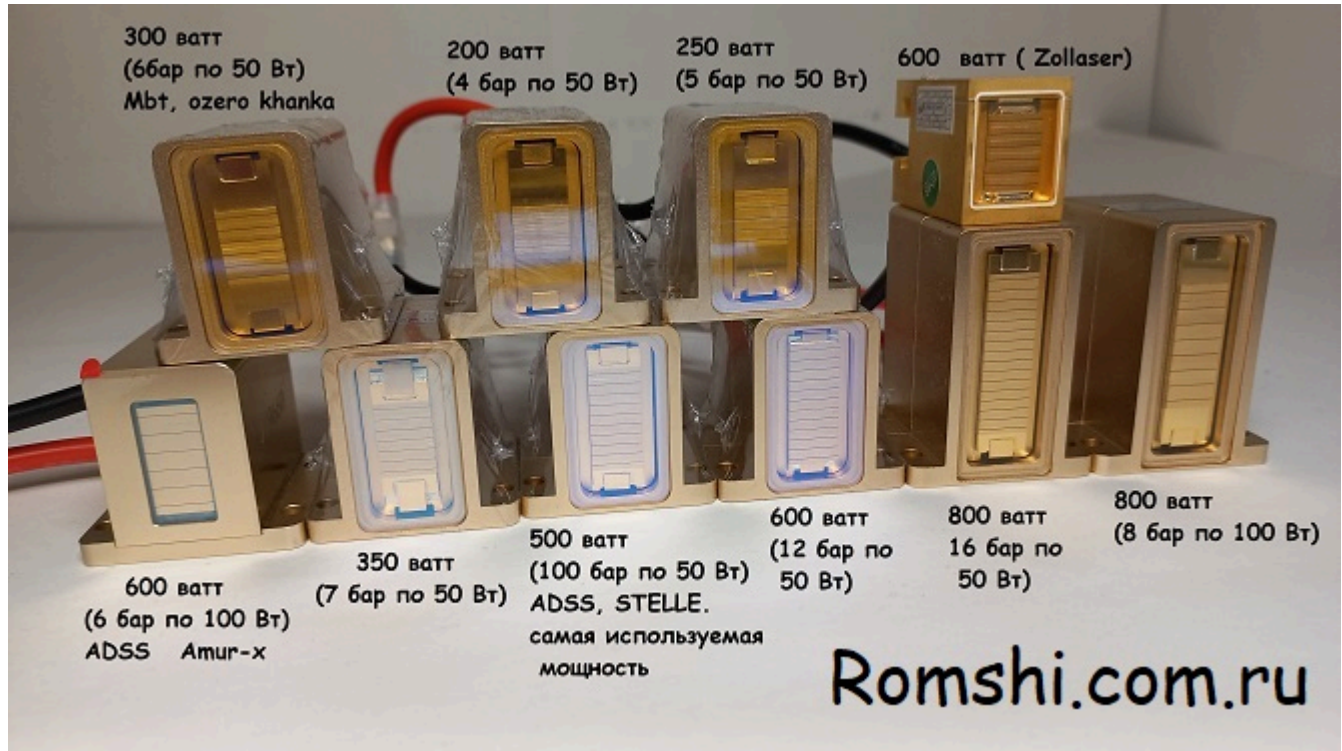


I will conclude that such matrices are installed in lasers, but it is definitely not worth buying such devices. This is my advice. By the way, the seller can always ask someone to praise the device, but from an engineering point of view, I would not recommend such devices. I devoted the next part to macro channel diode matrices.

## Macro channel diode stacks and

## laser bars for lasers.

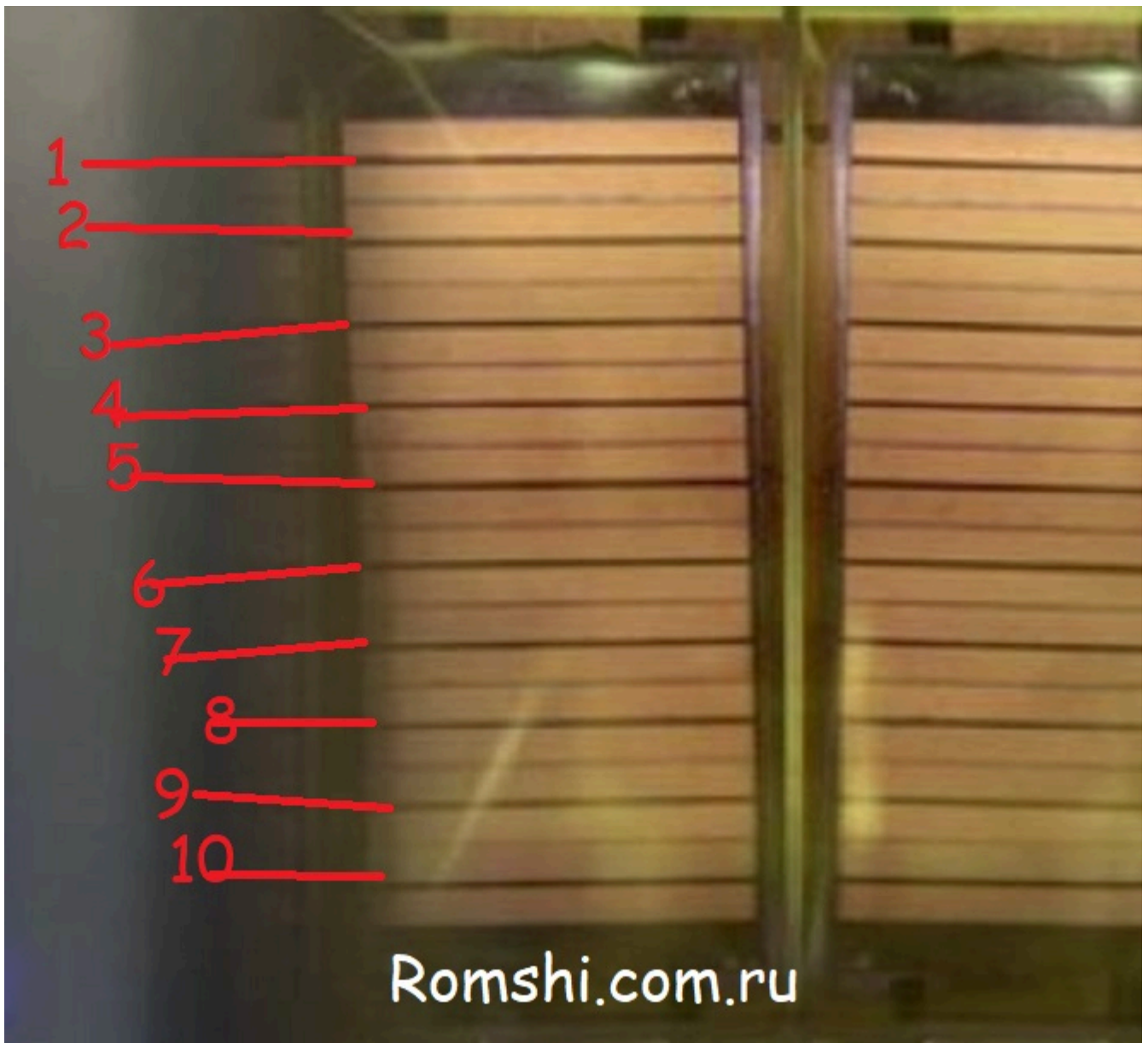
Next I will look at macro channel diode arrays. The most common among all diode stacks. The photo below shows the diode stacks that I usually use when repairing diode lasers. That is, there is 1 plate and laser bars are soldered onto it. If there are such stripes through the window in the handpiece, then the laser has a macro channel. These are medium-priced diode matrices.



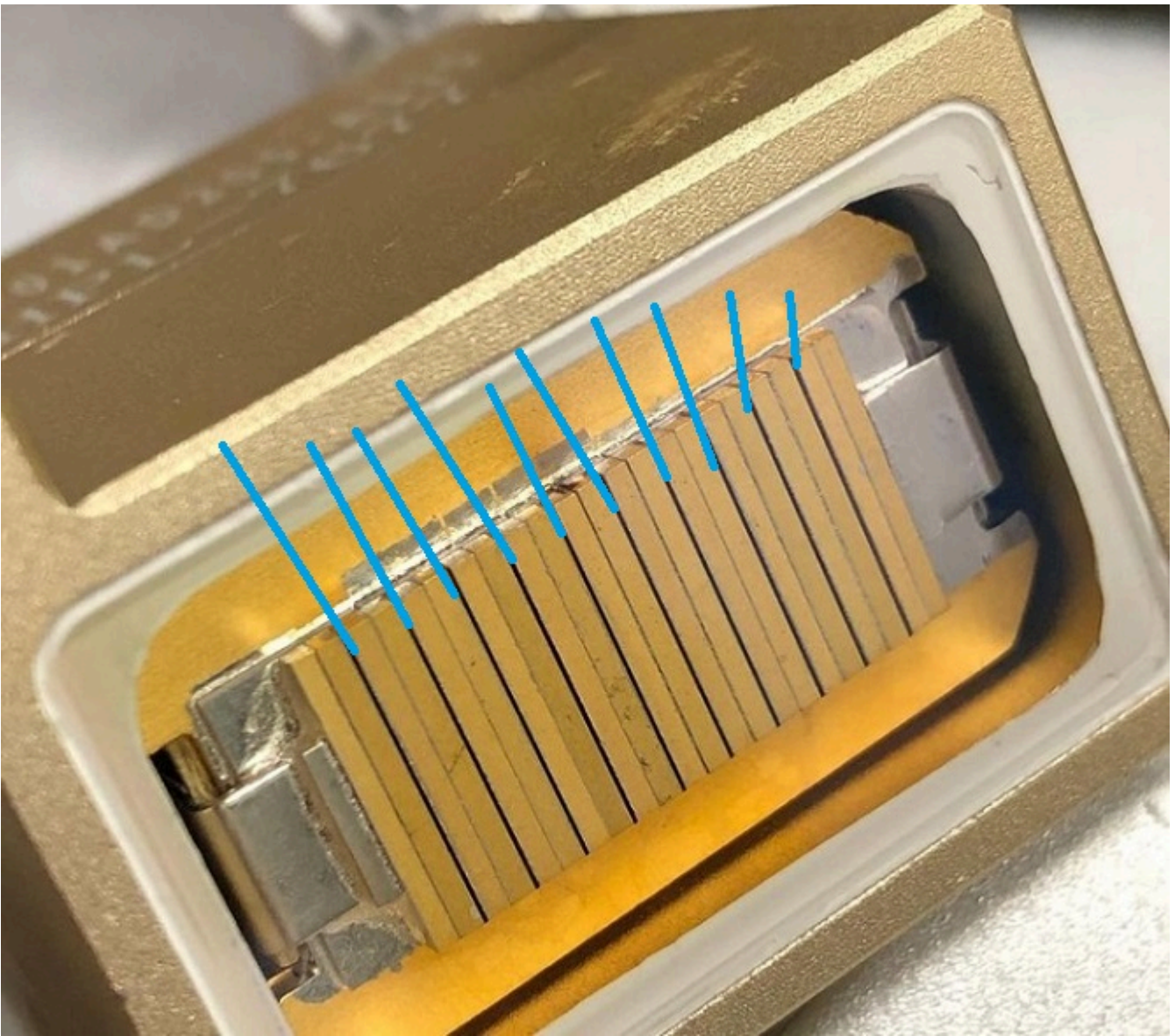
The bars themselves vary in power. In the photo above, bottom left, 1 bar - 100 watts. In the middle of the photo - 1 bar - 50 watts. Below are more options.

The photo below shows a 500 watt diode macro channel matrix (10 bar 50 watt).

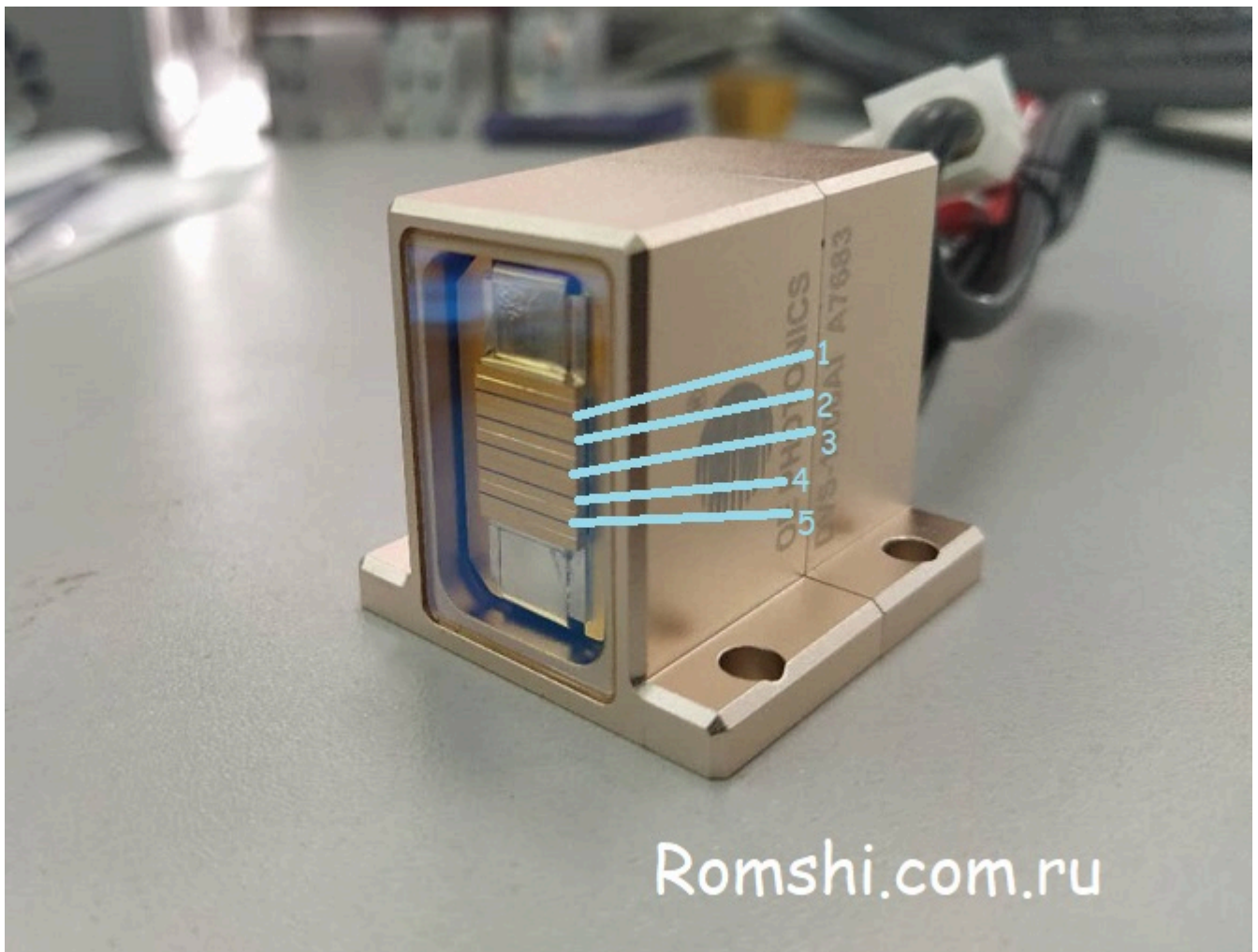
Please pay attention to the distance between the stripes. In this case, 1 bar is 50 watts.



The photo below also shows the appearance of a 500-watt diode stack (10 bar 50 watt). This is exactly the distance between the bars in laser stacks with 1 bar delivering 50 watts.

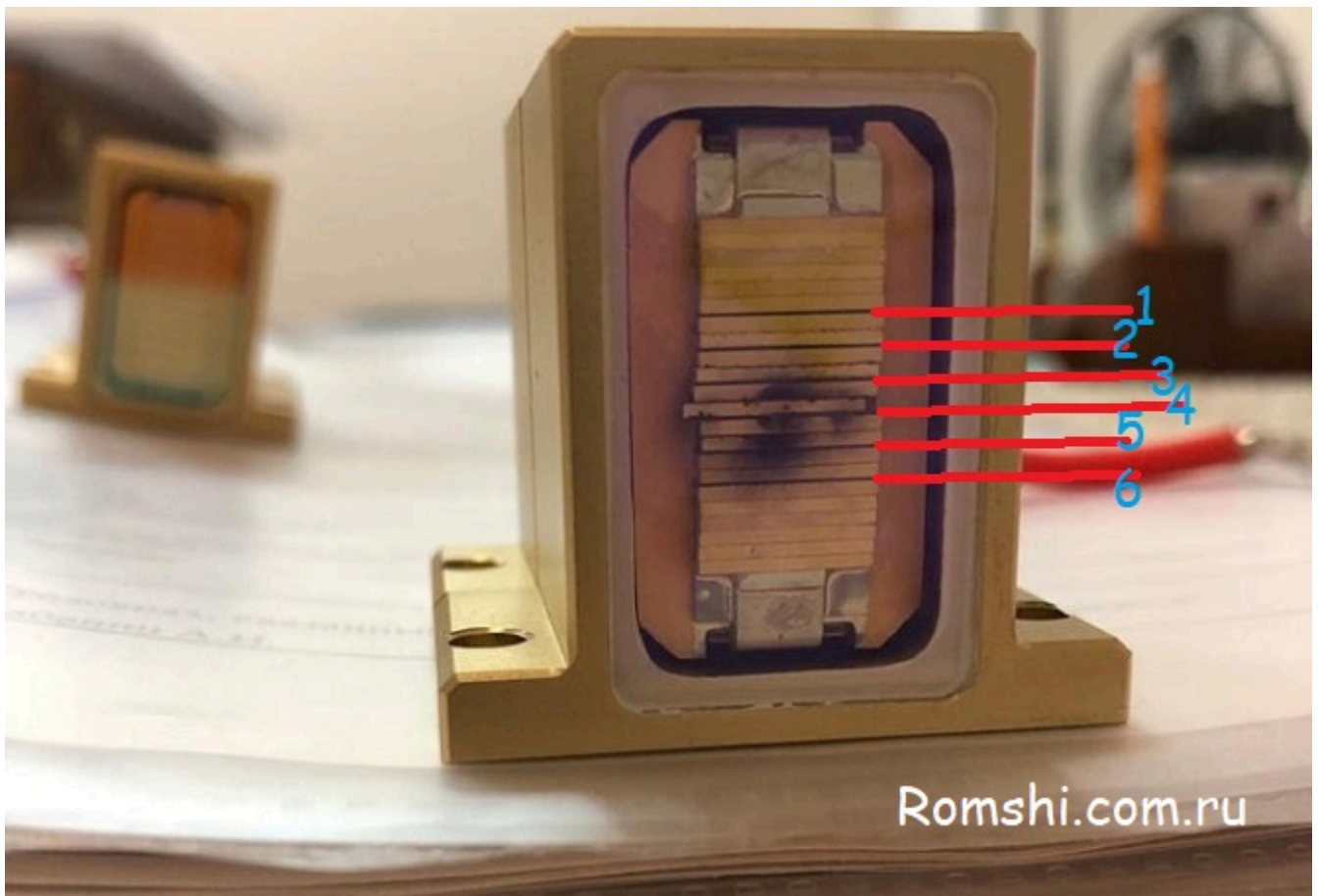


The photo below also shows the appearance of a 250 watt diode stack (5bar 50 watt). This is exactly the distance between the bars in laser stacks with 1 bar delivering 50 watts. The photos show the water connection from below.



Below is an interesting case in the photo. Stack data from mbt pacer one. I marked with arrows where the working bars were. That is, you can see decoy bars at the top and bottom of the stack. The manufacturer intentionally broke them into parts instead of 1 plate at the top and bottom of the bar. That is, an inexperienced master may think that the stack is 500 watts, but it is only 300 watts (6 bars of 50 watts). That is, if they sent you a photo of a diode matrix through the window of the handpiece and you counted 6 stripes, then this is  $6 * 50 = 300$  watts (we take into account exactly the distance between the stripes in the photo). But you can always consult and order the necessary parts from me.





The photo below shows a macro channel laser stack with a power of 800 watts. It has as much as 16 bar. And once again pay attention to the distance between the bars. In this case it is 16 bar at 50 watts. Total 800 watts. I note that there are also outwardly similar types of stacks, where 1600 watts. But for complete clarification, you need to disassemble the handle and look at the body of the laser stack.



Below is an interesting option from the ADSS laser manufacturer. There are 1200 watts (24 bar). That is, there are also 50-watt bars, but there are already 2 vertical plates with bars.



I would like to immediately note that you should not chase high power. Typically, the greater the power of the stack inside, the larger the window on the handle, which increases the speed of procedures. In the Honkon laser, for example, the window is too large for 1200 kk models. There is an 800 watt stack and a 12 bar stack, which if there were real 1200 watts, the stacks would easily burn out. Water cooling plays an important role in the device. I will write about the options below, but if there is proper cooling, then it works more or less up to 1000. For units from 1200 watts there must be a freon compressor.

**To consolidate the information below are links to video stacks. Diode stacks in stock and on order. For some diode stacks, the description is a little broader, since the appearance does not correspond if you look directly through the window of the laser handle at the diode stack.**

200 watt 4 bar - video on YouTube (<https://www.youtube.com/watch?v=g5fSydu13mw>) .

250 watt 5 bar - video on YouTube (<https://www.youtube.com/watch?v=lm1URleXjSs>) .

300 watt 6 bar - video on YouTube (<https://www.youtube.com/watch?v=4xTf1NFAPZU>) .

350 watts 7 bar - video on YouTube (<https://www.youtube.com/watch?v=3aQnuaWMZqw>) .

500 watts 10 bar - video on YouTube (<https://www.youtube.com/watch?v=41FjQVTQ-Rs>) .

600 watts 12 bar - video on YouTube (<https://www.youtube.com/watch?v=FWGB8vCWnX4>) .

800 watts 8 bar - video on YouTube (<https://www.youtube.com/watch?v=jVLdsp2FIVg>) .

600 watts 6 bar (for zollaser specifically. The distance between the bars is not particularly well chosen by the manufacturer. Stacks often burn out because they wear out. This applies to the macro channel diode matrix.) - video on YouTube (<https://www.youtube.com/watch?v=UKrvqqMSPc0>) .

600 watts 6 bar (original diode matrix for ADSS FG 2000B.) - video on YouTube (<https://www.youtube.com/watch?v=CMWB1PSYRL0>) .

800 watts 16 bar - video on YouTube (<https://www.youtube.com/watch?v=vfL-Z5EPzmU>) .

600 watt 10 bar for estetica. (In this case, 10 bar, but the power is 60 watts. Quite a rare model) - video on YouTube (<https://www.youtube.com/watch?v=2Txr1PZS9ks>) .

800 watt 8 bar (for Honkon) - video on YouTube.

Above in the article, when mentioning macro channel stacks, I indicated more popular models of laser emitters. If you touch on the devices, below is the name of the device and what diode stack is there. That is, if what was written above was stated clearly for you, then you will be able to draw exactly the same conclusion as I did when examining a diode laser.

**ADSS diode laser. My most recommended model. There is a 600-watt stack inside** if we are talking about the fg2000b portable diode laser. Older models had 500 watts (10 bar 50 watts each). This is if you purchase a used laser and a pistol-shaped pen. Those who say that the pen has 800 watts with 6 bars (6 bar) are very disingenuous or outright deceiving. There are also vertical lasers. Was 1200 watts. It was discontinued. Now there is 1600 watts, but it has been trading for several months and it is not clear what reliability it has. Since I repair and do maintenance on lasers, I can refer you to my colleagues.

**The Ozero khanka ok 01 diode laser has a 300 Watt emitter** . That is, there are 6 bars of 50 watts. 6 working bars. Emission length 808 nm. Stories about a hybrid stack, 500 watts are marketing and have nothing in common with reality.

**The Ozero khanka Pioneer diode laser has a 500 Watt emitter.** That is, there are 10 bars of 50 watts. 10 working bars. Emission length 808 nm. Stories about a hybrid stack, 800 watts are marketing and have nothing in common with reality. Now 1200 watts have appeared, but its quality is questionable.

**Diode laser Stelle laser** (in Russia brands DPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD-5, LD-2, ALD- 2, VOB DL300 / VOB DL300 new / VOB DL500 DL 300, DL500) standardly has 500 or 600 watts. If you have a handpiece with a square for cooling, then this is just a maximum of 600 watts, but often very 500 watts. They cannot hold 800 watts, much less. There are the usual 808 nm.

**Zollaser diode laser** (there is a micro channel and a macro channel). In both cases, 600 watts, but the macro channel stack zollaser often burns out, since the current supplied to the device is too high. Only the micro channel can be considered. And then, if this is a laser.

**Diode laser mbt.**

**Pacer one - 300 watts.** That is, there are 6 bars of 50 watts. 6 working bars. Emission length 808 nm. Stories about a hybrid stack, 500 watts are marketing and have nothing in common with reality.

**Pacer one pro - 500 watts** . That is, there are 10 bars of 50 watts. 10 working bars. Emission length 808 nm. Stories about a hybrid stack, 800 watts are marketing and have nothing in common with reality.

**Estecica diode laser - 600 watts.** I came across exactly this option. That is, there are 10 bars of 60 watts. 10 working bars. Emission length 808nm and hybrid.

## MY GENERAL CONCLUSION ABOUT THESE MACRO CHANNEL DIODE EMITTERS IN DIODE LASERS:

These are the most common laser emitters in laser hair removal devices. The most common are 500 watts (10 bar x 50 watts). In terms of price, if you buy it and it breaks later, they will be less expensive than changing the micro-channel laser stack, about which I will provide information further. Варианты маркировки диодных макро канальных стеков весьма различная : HPL-2112, HPL-5868, DVS-1010AI, LST-1010AI, HPL-2122, 81HD-500, DVS-1012AI, STE-L10008, MLKJ-71801202, HPL-7170, ADSS19V19776 , ADSS16V02985, DVS-MS1006, COE-21V25375, PZ LASER, DVS-500, DVS-ML-1008, DVS-ML-1006, HPL-0274. Available in various devices such as ADSS FG2000D +, FG2000B, FG4b AMUR X, ZOLLASER, ULTRALASER, WINGDERM, PREMIUM ONE, PZ LASER, MEDICALASER, HONKON, D-Las 55, D-Las 120, D-LAS 60, Ozero Khanka, Pioneer , LaserLab, MagicOne, MBT, HONOR ICE, SL-600, VOB DL300, VOB DL600 PACER ONE PRO.

Such devices can be purchased if they have thermal cooling and do not have excessive currents for operation.

In general, the radiation power of 1 bar is symmetrical to the current that is supplied to it during operation. That is, a 500-watt diode stack (10 bar) means that a current of up to 50 Amps is supplied to it so that it produces 50 watts of light. The device must have a suitable power supply and a good water cooling system.

**I can recommend specifically among lasers with a macro channel handle. ADSS FG 2000b with 600 watt diode stacks due to the reliability of the device.**

**ADSS FG2000B FROM LINK. (/prodazha-lazerov-1/249-kupit-diodnyj-lazer-dlya-epilyatsii-adss-fg-2000-b-755-808-1064-nm.html)**

If you want to get quick advice on devices in the whats app messenger, you can click on the link to go to the whatsapp dialogue (<https://wa.me/+79180110234>) .

## Micro channel stacks. Various microchannel matrices in diode lasers.

In fact, all microchannel bars are similar in quality. That is, the power of the handle is proportional to the number of working bars multiplied by 100.

In this part I will give options for micro channel stacks, but the greater the total power, the better the water cooling in the diode laser should be.

Lasers with micro channel bars emit up to 100 watts per bar. That is, they look like plates stacked vertically on top of each other. The minimum number of micro channel bars that I have seen is 3 bars. That is, the pen will have a power of 300 watts. In Kiers 144 devices, for example, there are 6 plates (bars). Some lasers came across 16 bars, that is, the pen provides 1600 watts of radiation.

If in the section above I highlighted macro channel bars, where they have 50 watts per 1 bar, 100 watts per 1 bar and, for example, 60 watts per 1 bar, and this is an exception, then micro channel bars (the records themselves) differ in size and slightly in appearance.

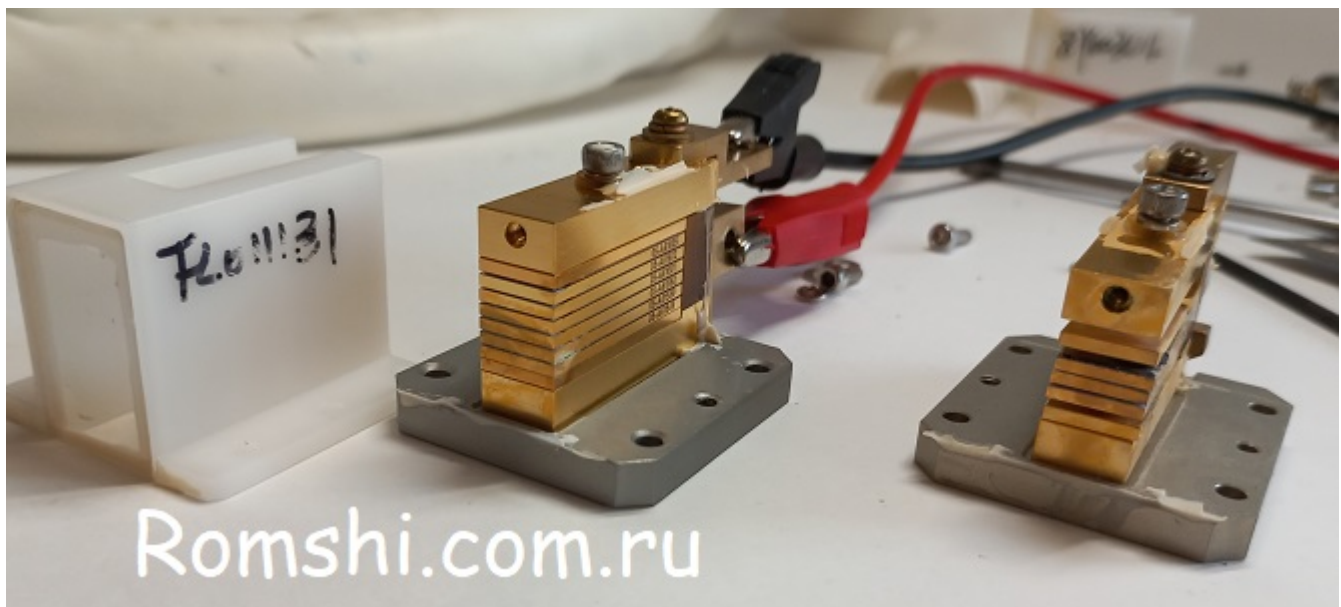
Below are the types of micro channel bars for lasers.

I'd like to note right away that diode lasers with a micro-channel stack are always more expensive and require mandatory filter replacement, but they will last longer if you treat your device with care.

NEXT I WILL SHOW WHAT DIODE LASERS YOU CAN MEET.

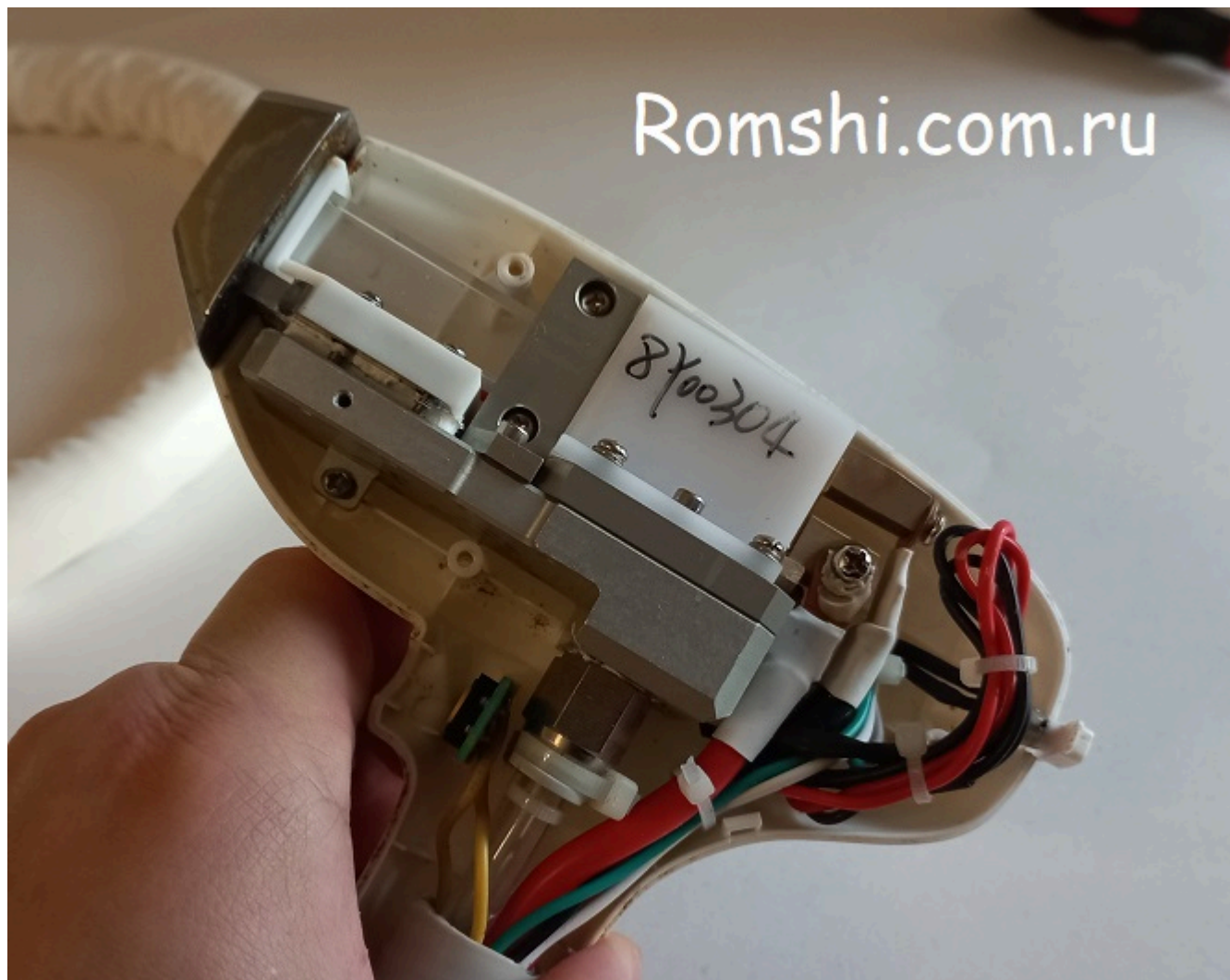
### **Diode laser for hair removal kiers 144. The handle has 6 plates, which are very rare.**

The photo shows burnt stacks from kiers 144 lasers. Kiers themselves are good diode lasers, but you definitely need to change the filters more often. There is a set of 2 filters. 1 filter with polypropylene and 1 with ionic resin. Inside the bars there are micro channels for water to pass through. If you do not change the filters, they may become clogged, the speed of water circulation through the diode stack will be reduced and the bars will burn out.

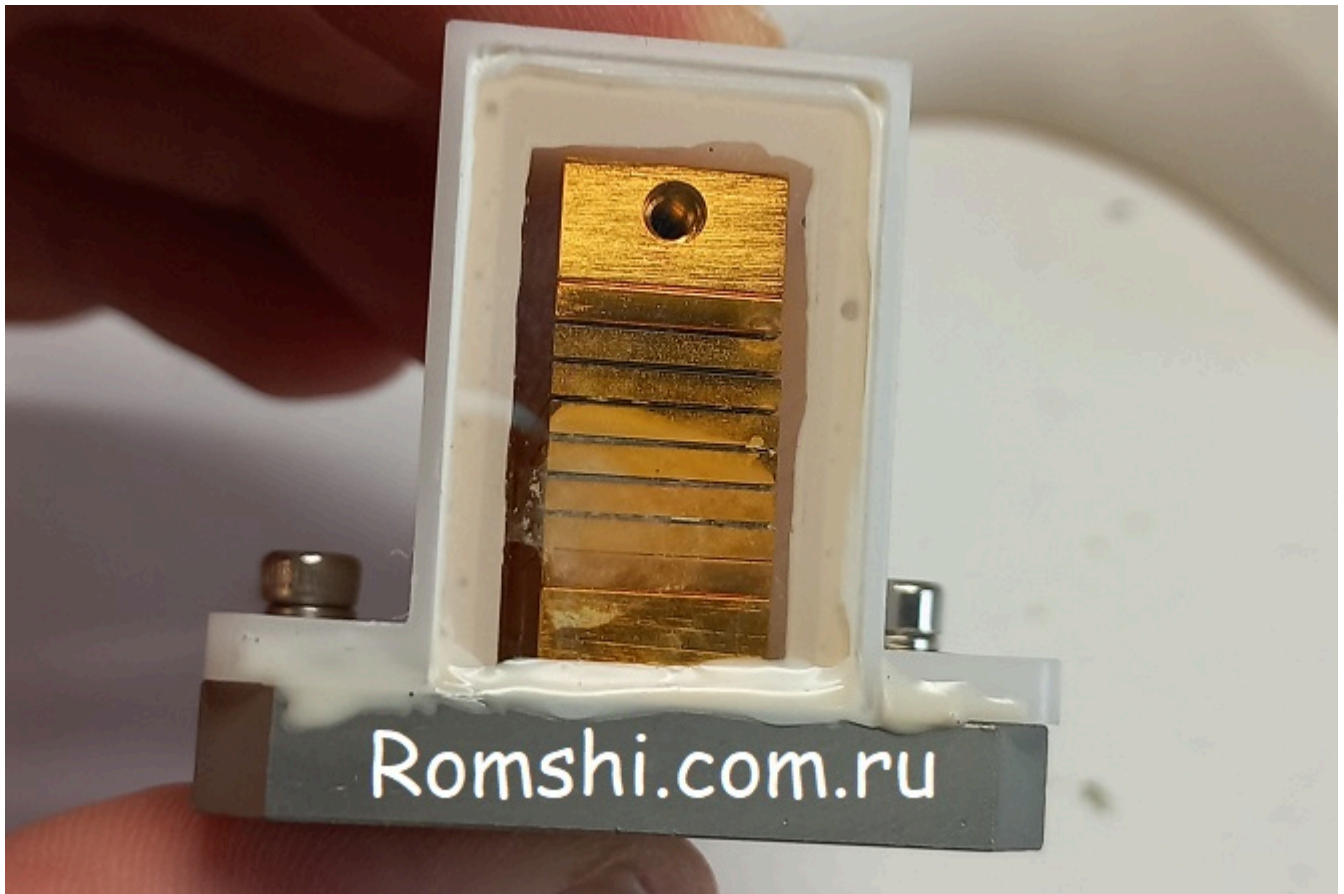


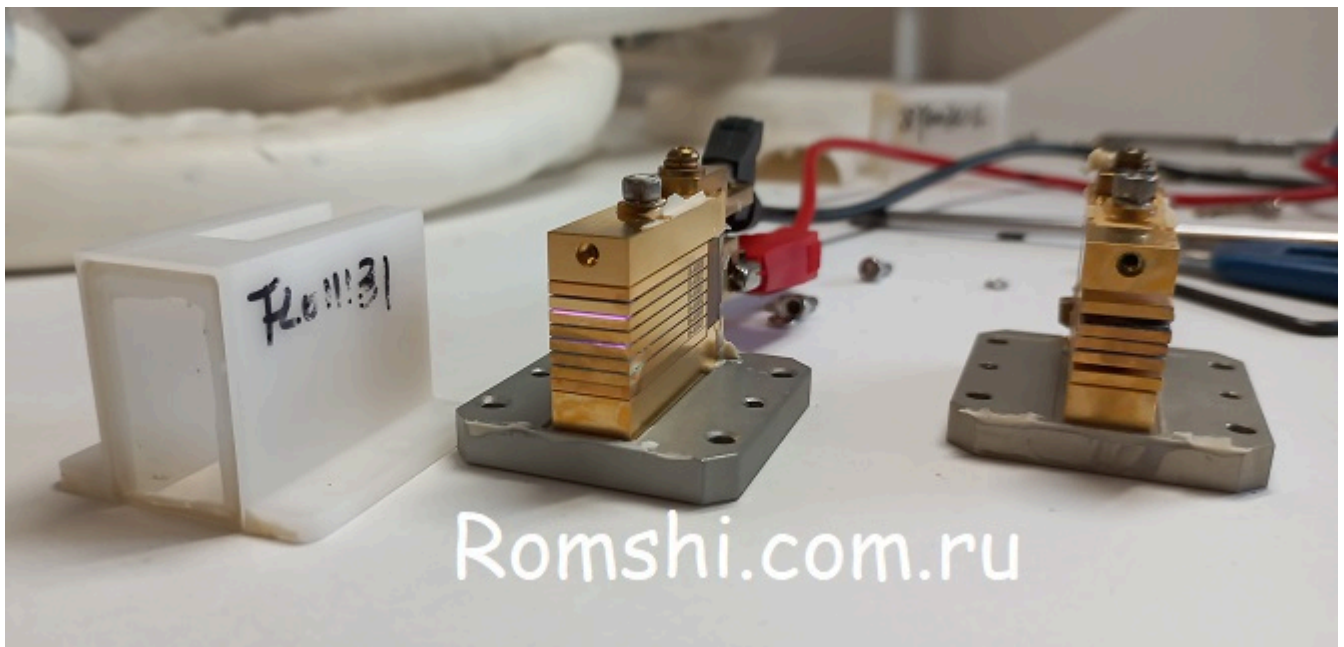
**That is, if you have burned out the bars for kiers 144, there are several options for this device:**

- buy an assembled handle (you can contact me, at the moment handles are mostly made to order).
- place a new stack or separate bars. But since you can't buy them separately in China individually, used plates are placed separately. manipul. Figuratively speaking, one gathers two.
- PUT CURS 144 ANALOGUE MANIPULUM INSTEAD OF THE ORIGINAL one instead of the burnt stack.



This is the appearance of the emitter for the kiers 144 device.





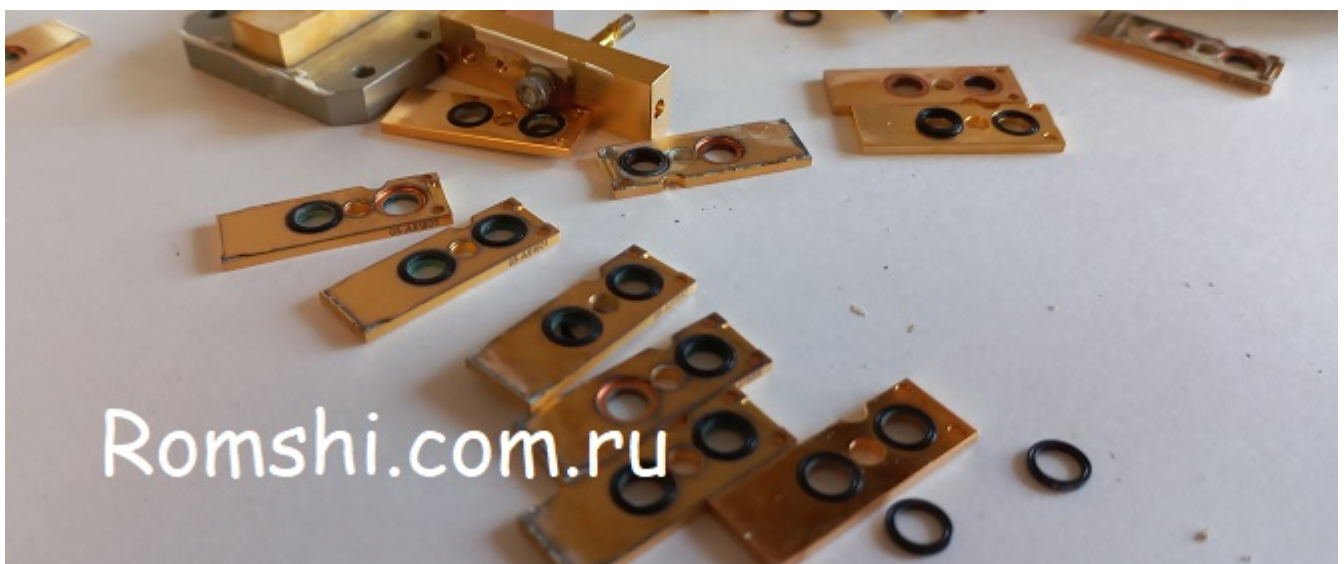
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Below in the photo are bars from the Kiers 144 diode laser.



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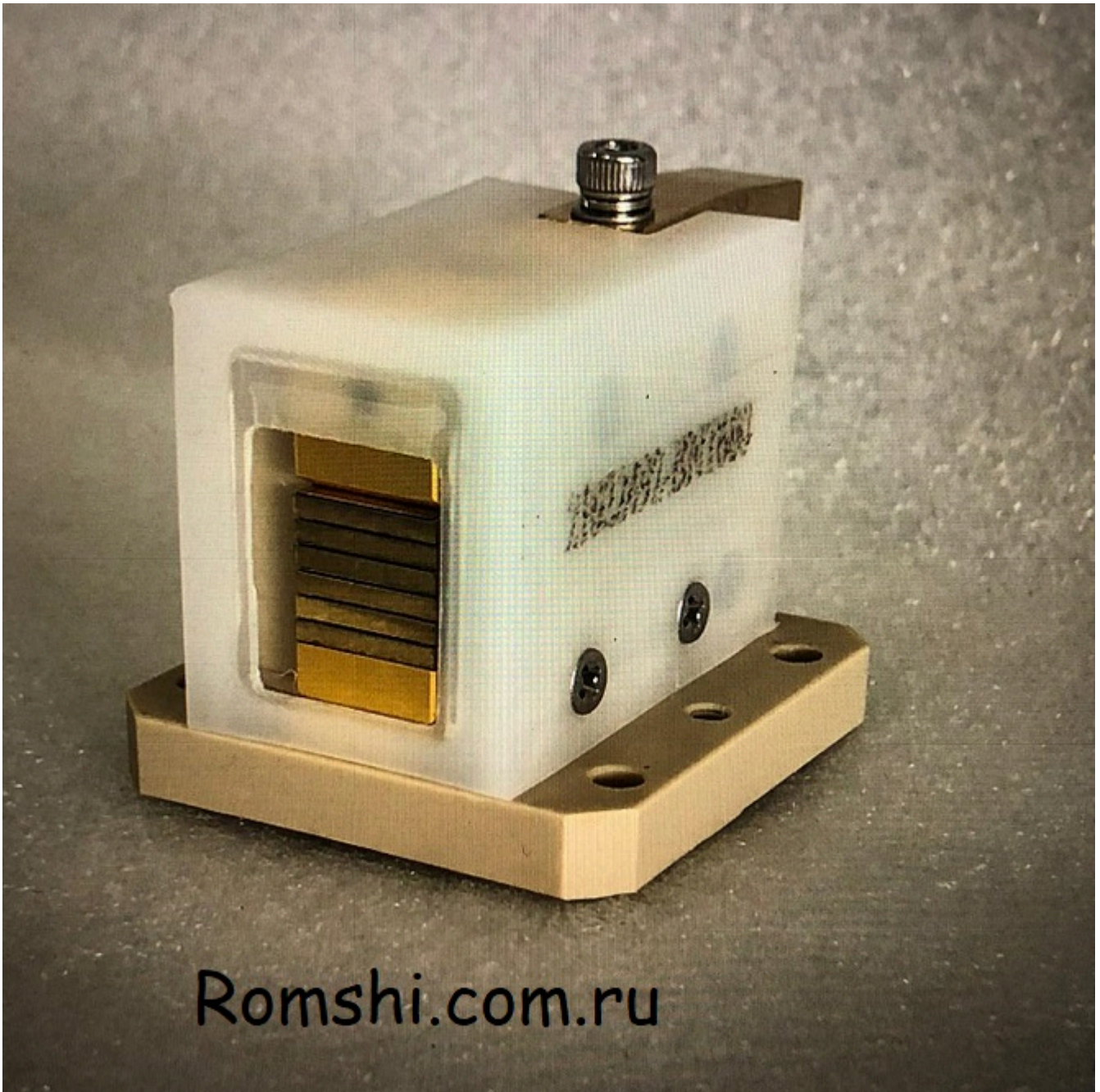
You will not be able to put micro channel bars from another diode laser model into the handle of a keirse. Either the original bars are installed separately - or you can install an analogue manipulator.



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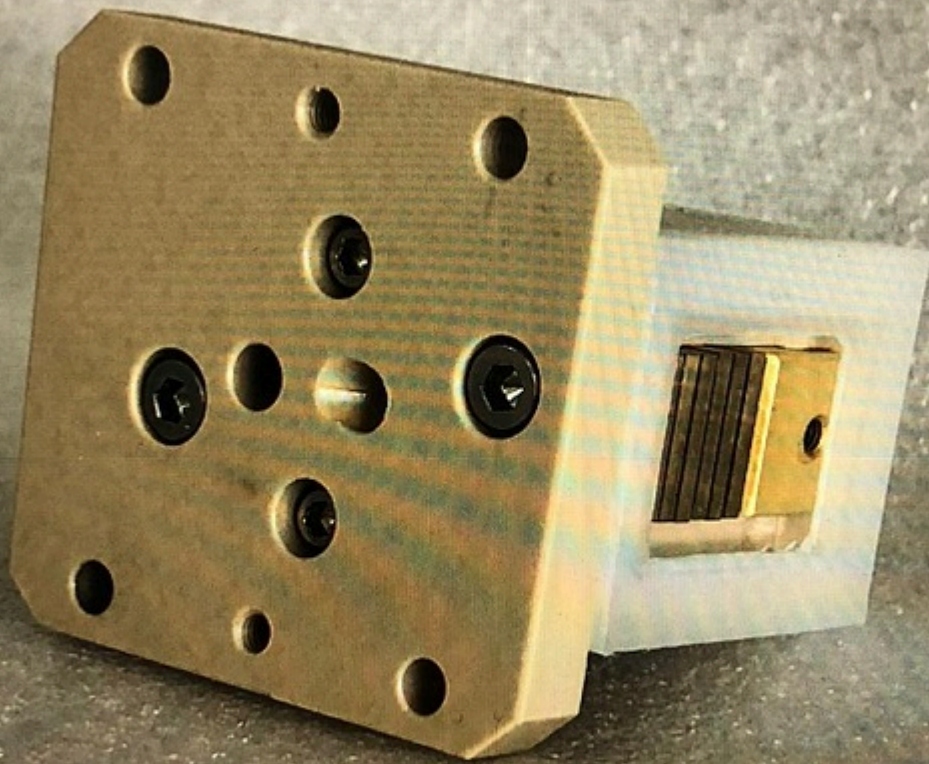
Below is an example of a stack that is installed if your diode stack burns out.



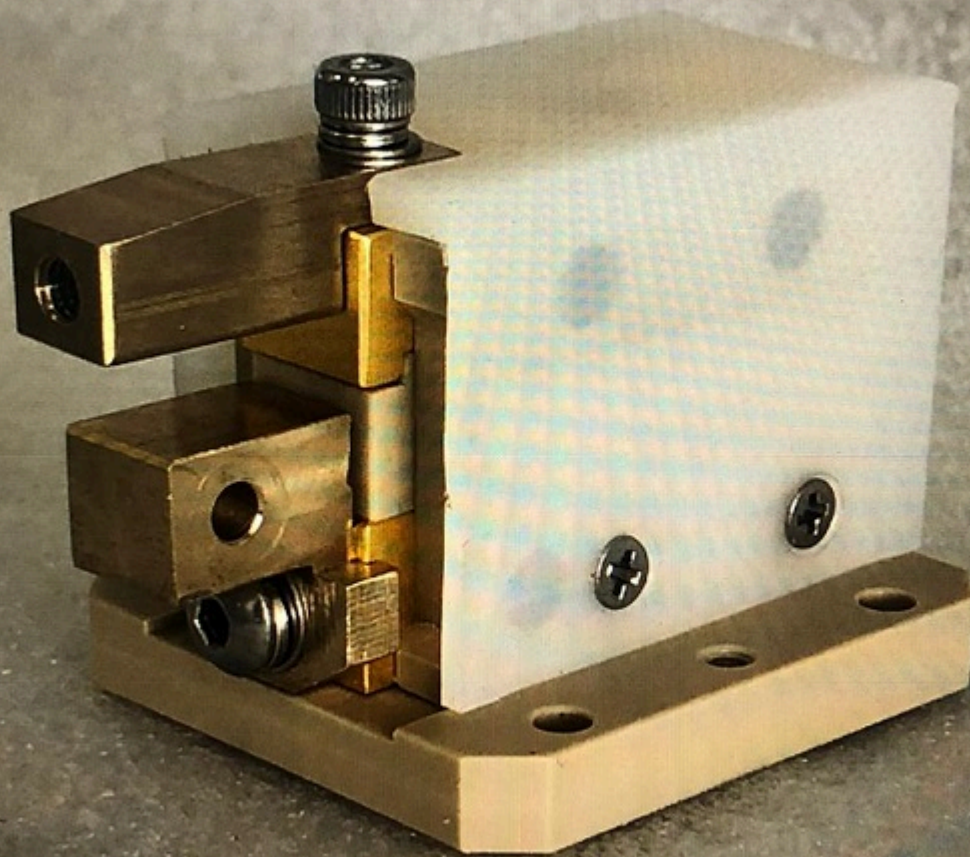
When requesting these parts, it is important to know which water connection is at the bottom.



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kiers 144



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**Diode laser for hair removal zollaser. The pen has 6 plates that produce 600 watts of radiation.**

In the photo below, 6 plates are visible through the window of the zollaser handle. This is a micro channel stack with a power of 600 watts.



Photo from the back where the power wires are connected. That is, when replacing a diode stack, you do not need to work with a soldering iron .



**That is, if your zollaser bars are burned out, there are several options for this device:**

- replace separately failed micro bars in the Zollazer handle.
- install an analogue handpiece of similar power.
- completely change the diode stack inside the diode laser handle. This is how it looks from the side. On the right, when voltage is applied, the stripes light up (6 bars).



The micro channel itself is a reliable stack, but you definitely need to change the filters more often. There is a set of 2 filters, which are exactly the same as in the Kears 144 apparatus. 1 filter with polypropylene and 1 with ionic resin. Looking ahead, there are the following filters.



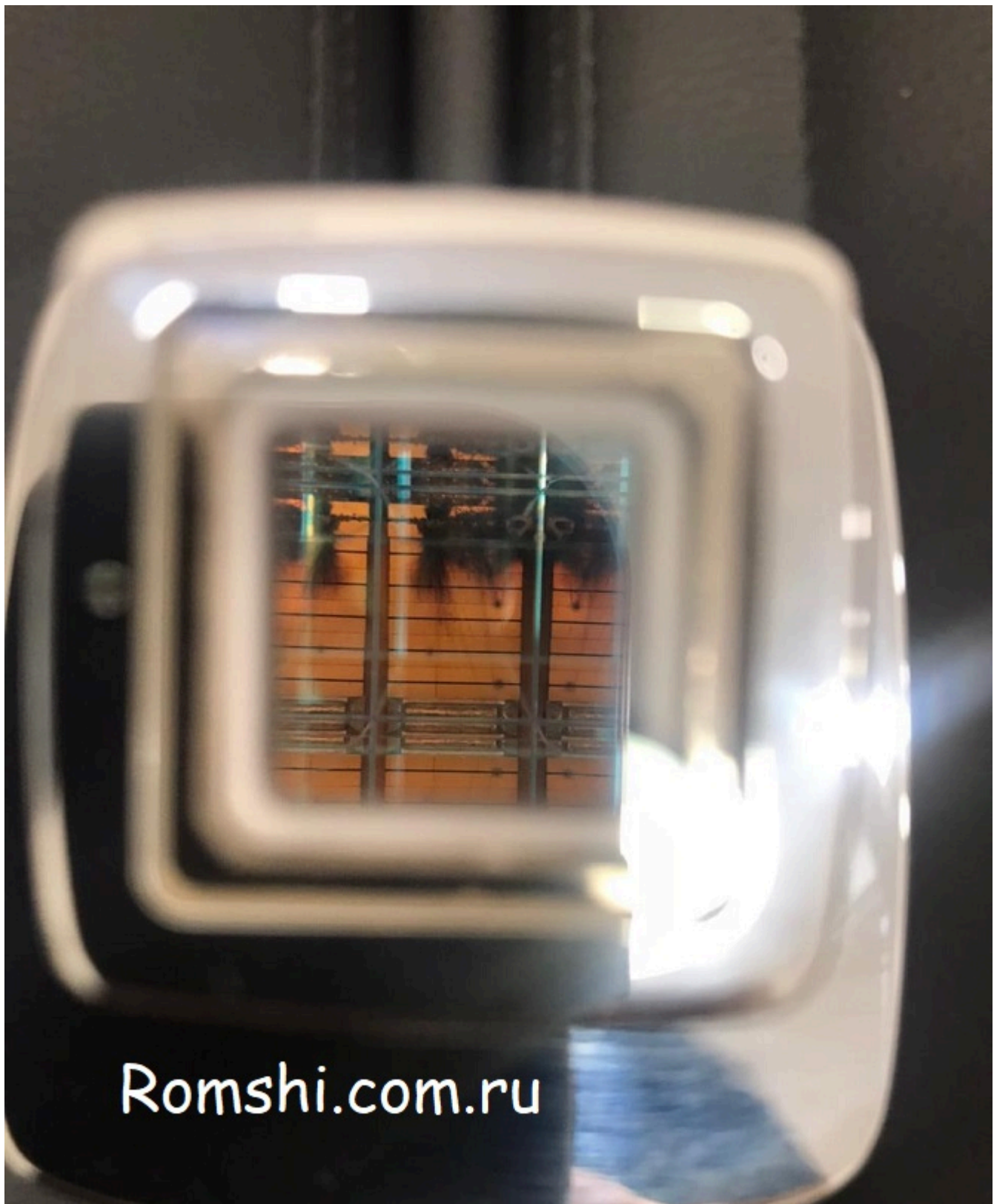
Inside the bars there are micro channels for water to pass through. If you do not change the filters, they may become clogged, the speed of water circulation through the diode stack will be reduced and the bars will burn out.

**As for the zollaser, it often has problems with electronics, buttons in the handle, wires, and if it is not a micro channel, but a macro one, the stack often burns out. It produces good power, but fails the peripheral components in the laser.**

**By the way, here is an example of burnt bars on a Zollaser handle.**



In these cases, the maximum failure of the macro-channel diode stack from the Zollaser laser. As described above in the article, DOUBLE BARS are visible in the photo. The distance between bars is not the best for macro channel stacks. Therefore, even the presence of a compressor in the diode laser system does not save the stack that is standing heavily inside. The buyer may be lured by words about the compressor in the system, but I would take the Zollaser with a micro-channel assembly if you like the device. I personally do not recommend the macro channel in these lasers. My opinion.



### **Micro channel handles in Honkon diode lasers. Some options.**

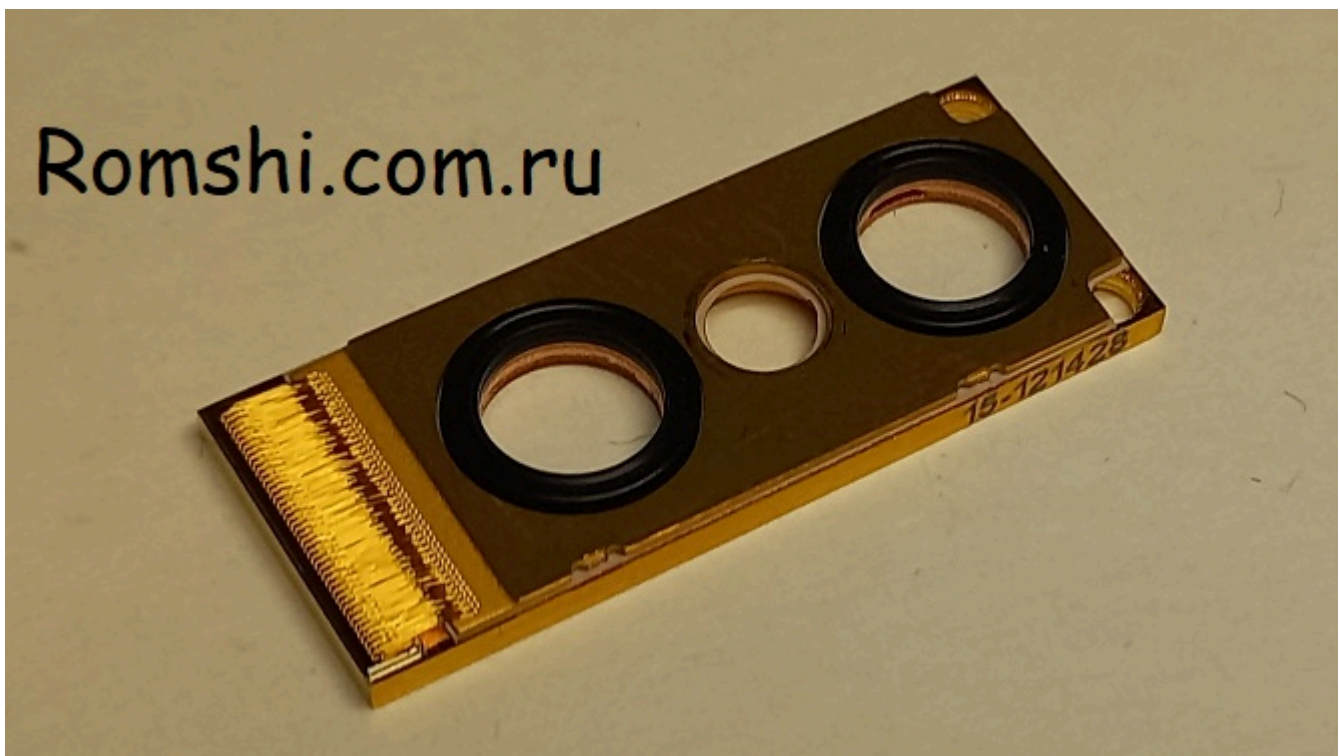
The photos below show a stack (diode matrix) for a Honkon diode laser. The Honkon laser, like the Zollaser, Kiers 144, has options for both macro channel diode stack and micro channel stack. The difference is that for a micro channel you need super clean water, for a macro channel it is not the water that is so important, but what kind of current is supplied to it.

With proper care of the device, the micro channel will last longer. The Chinese themselves put macro channel stacks in laser handles to reduce the cost of a diode laser. The difference in price separately as parts is several times.

The photographs show a diode bar for the Honkon diode laser. On the left is the part that gives radiation.



These bars are not cheap, as they consist of gold plating.



The photo shows a diode bar for the Honkon diode laser. If you look closely at the black circle on the right, you can see a hole. The liquid circulates through it.

**IF YOU DO NOT CHANGE THE WATER FILTERS AND THE WATER ITSELF 1 TIME A MONTH (DISCILLATED), THEN THE MICROCHANNEL MAY BE CLOGGED WITH PARTICLES.**

If you decide to buy a device with a micro channel handle, then replacing the filters is very important. The Honkon diode laser has a water quality sensor, more precisely its conductivity. If the water is not very good, then the sensor should work.

Filters are available for lasers. Video here (<https://www.youtube.com/watch?v=LJ1udQSAjg4>) . If the micro channel bar in your laser burns out, then it is much easier to deal with than as I wrote earlier with the Kiers 144 diode laser.



This is what the new laser micro channel bar from the Honkon diode laser handle looks like, but there are others. This is more standard.



At the moment the price of these bars is from 30 thousand. for 1 piece.



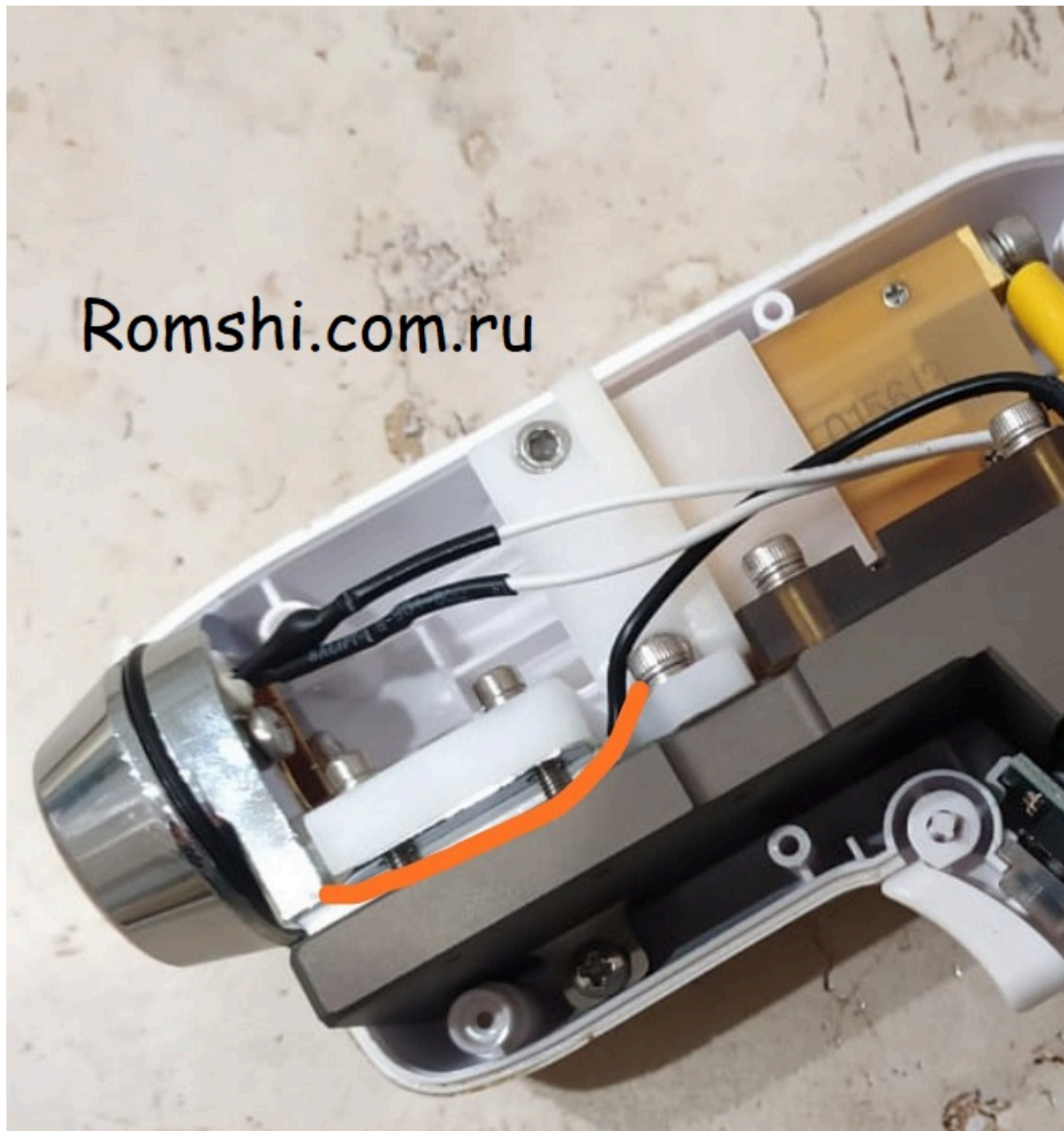


Below are a couple more angles of the diode micro bar in the emitter from Honkon.

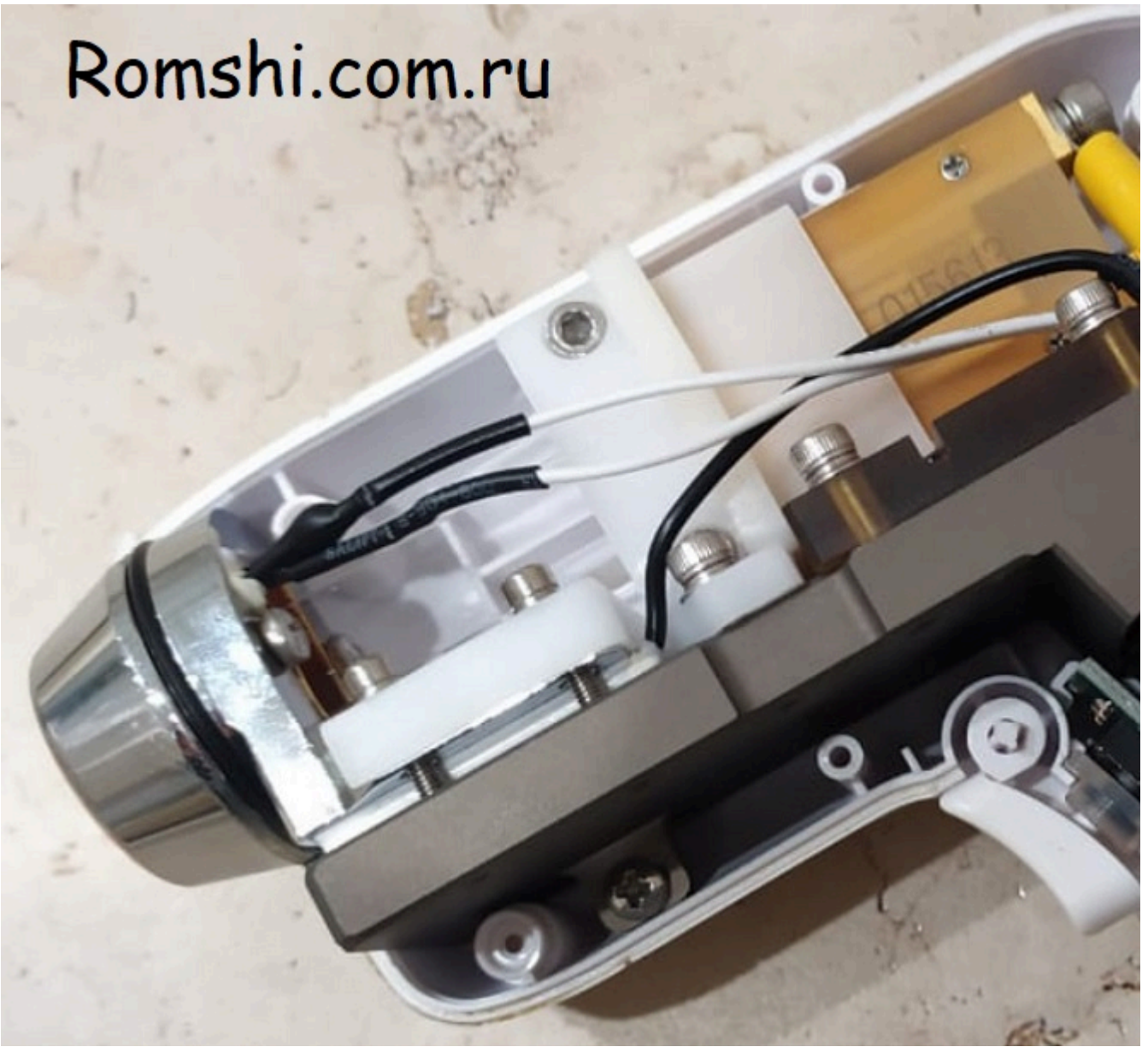


And this is what the diode stack looks like directly in the handle of the Honkon device.

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Water connection from below.

# Микро каналный стек



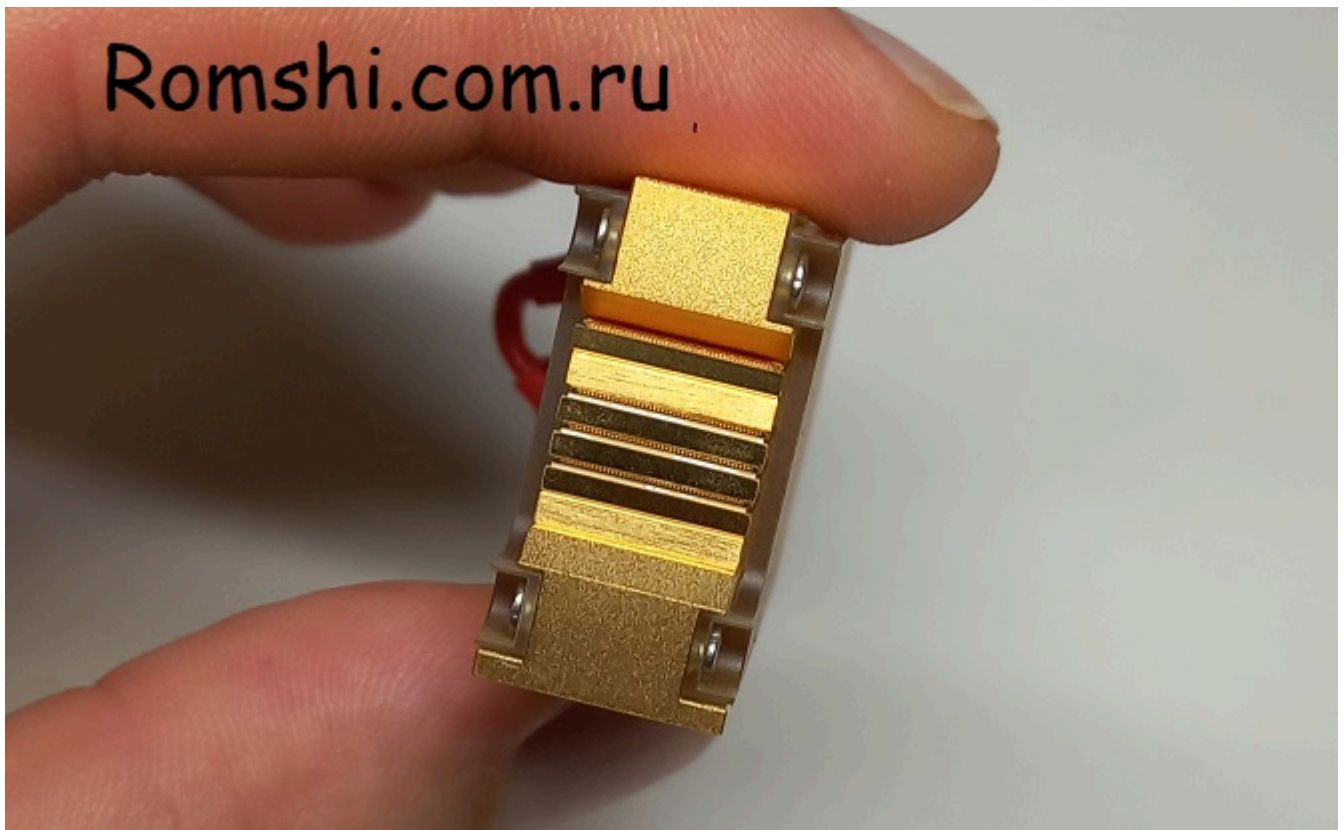
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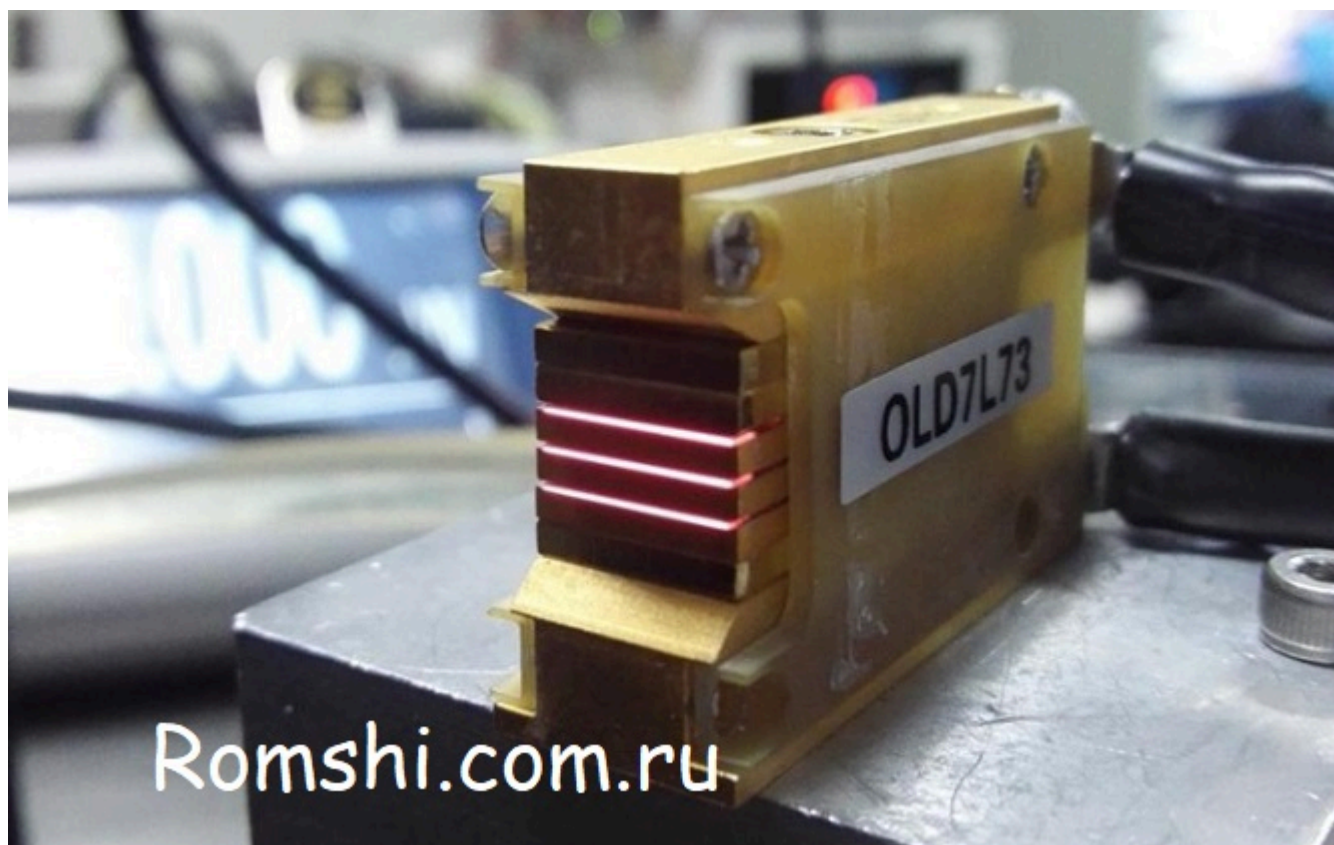


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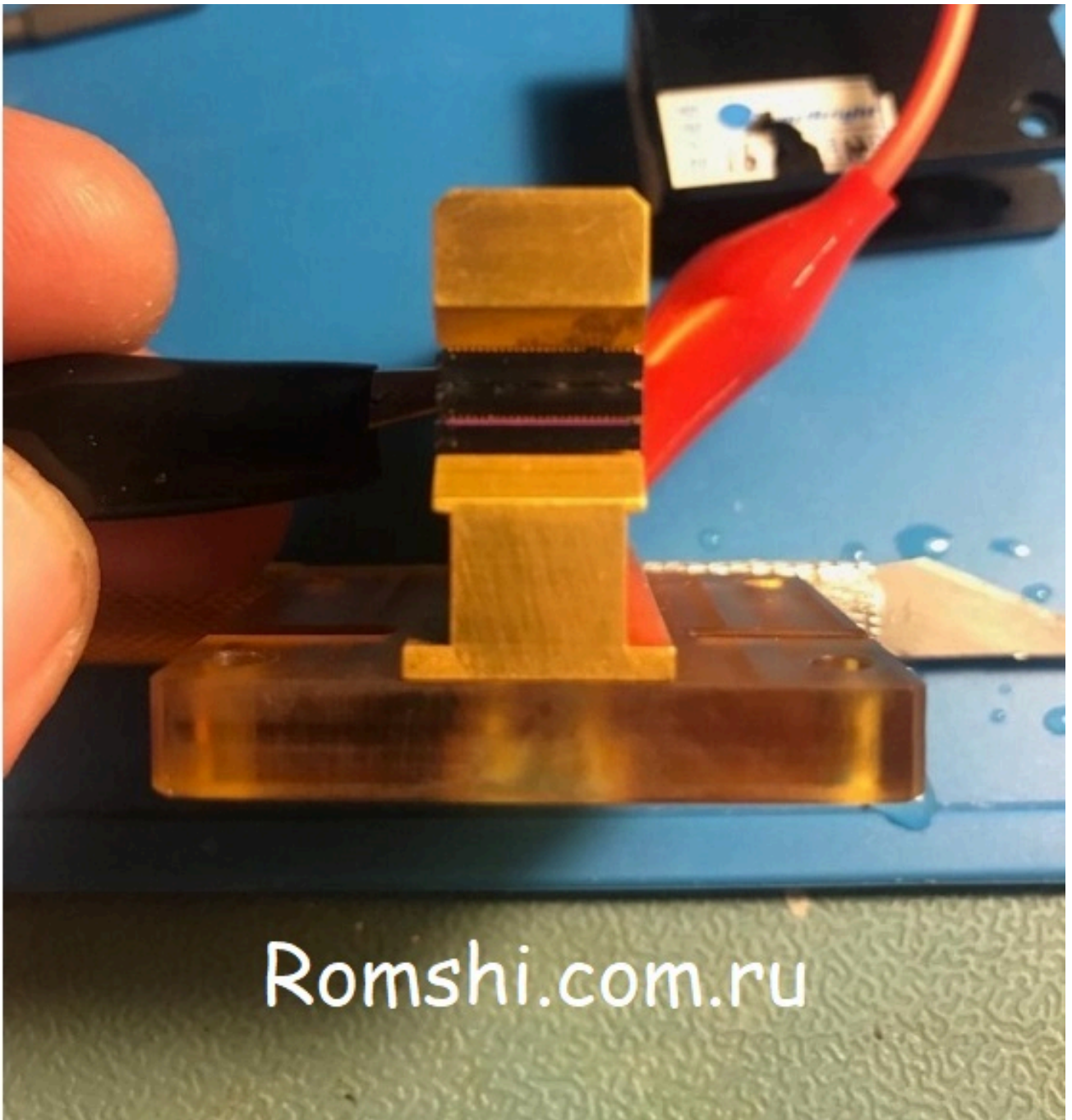


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This was an option for a 300 watt matrix. A particular stack contains 3 working bars and 3 fake bars. In fact, the bars in the klsi and inmotion devices are similar, but there are options for 300, 400, 500 and 600 watts. That is, I have seen all the options.



And the photo is an example of a burnt stack. 1 bar out of 3 is on.

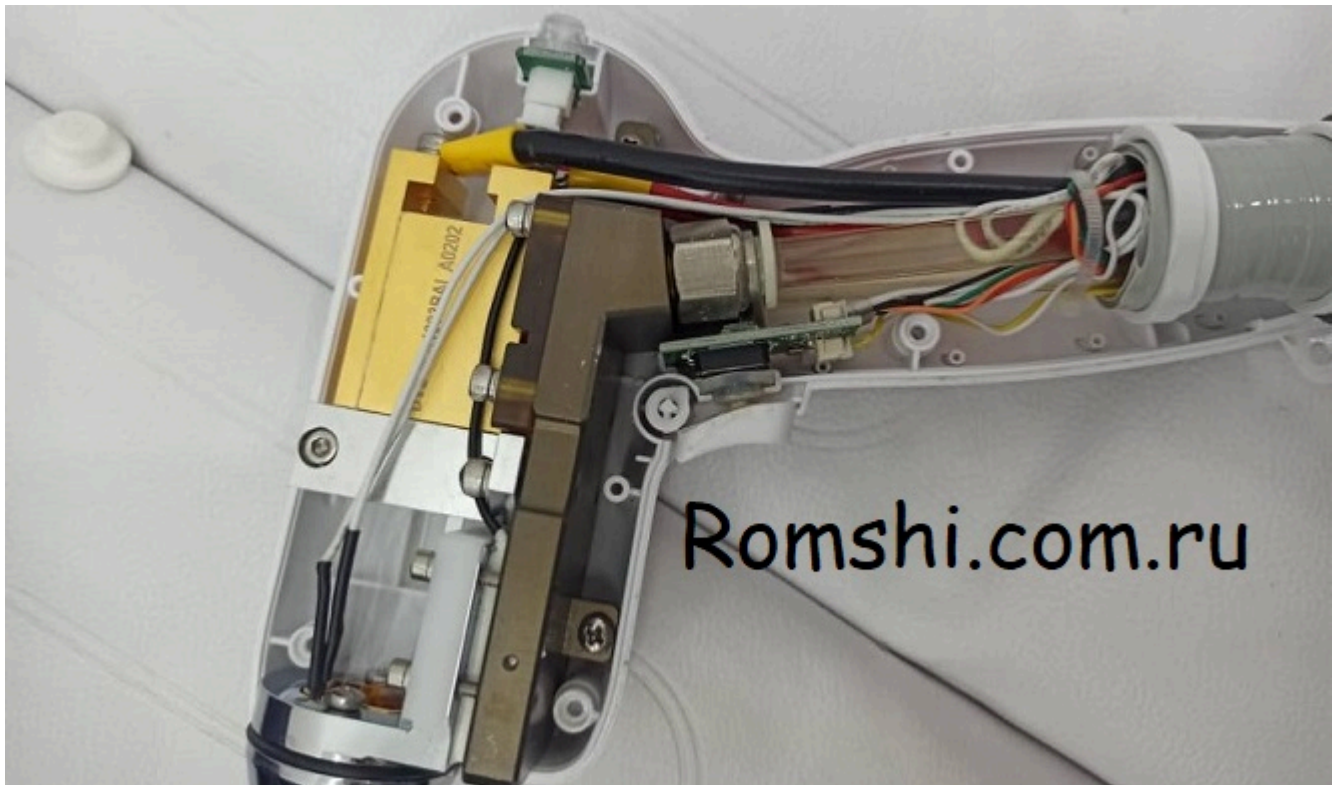


Well, I'll show you this photo. This is a partially disassembled micro channel bar from a Honkon diode laser.



And now a photo of a macro channel stack with the same power of 300 watts.

Let me point this out again. The photo below shows a solid diode stack (macro channel 300 watts). It fits exactly in the same handle, the only difference is the adapter plate for installation in the handle.



Through the window in the handle, if you look at 3 double stripes with a good distance between each other. 3.4 mm. Probably, having read about macro channel stacks at the beginning of the article, you can already understand that there are 300 watts.





If there is a micro channel, then there will be single strips. The photo below clearly shows that this is a microchannel stack. Number of strips: 6 pieces. But there are from 3 to 6 workers, depending on what the manufacturer chose.



If you want to get quick advice on devices in the whats app messenger, you can click on the link to go to the whatsapp dialogue (<https://wa.me/+79180110234>) .

Before describing micro channel bars, I'll show you what happens to them and what problems they have. The photo shows a micro channel bar (plate) 11 mm wide. This is new.



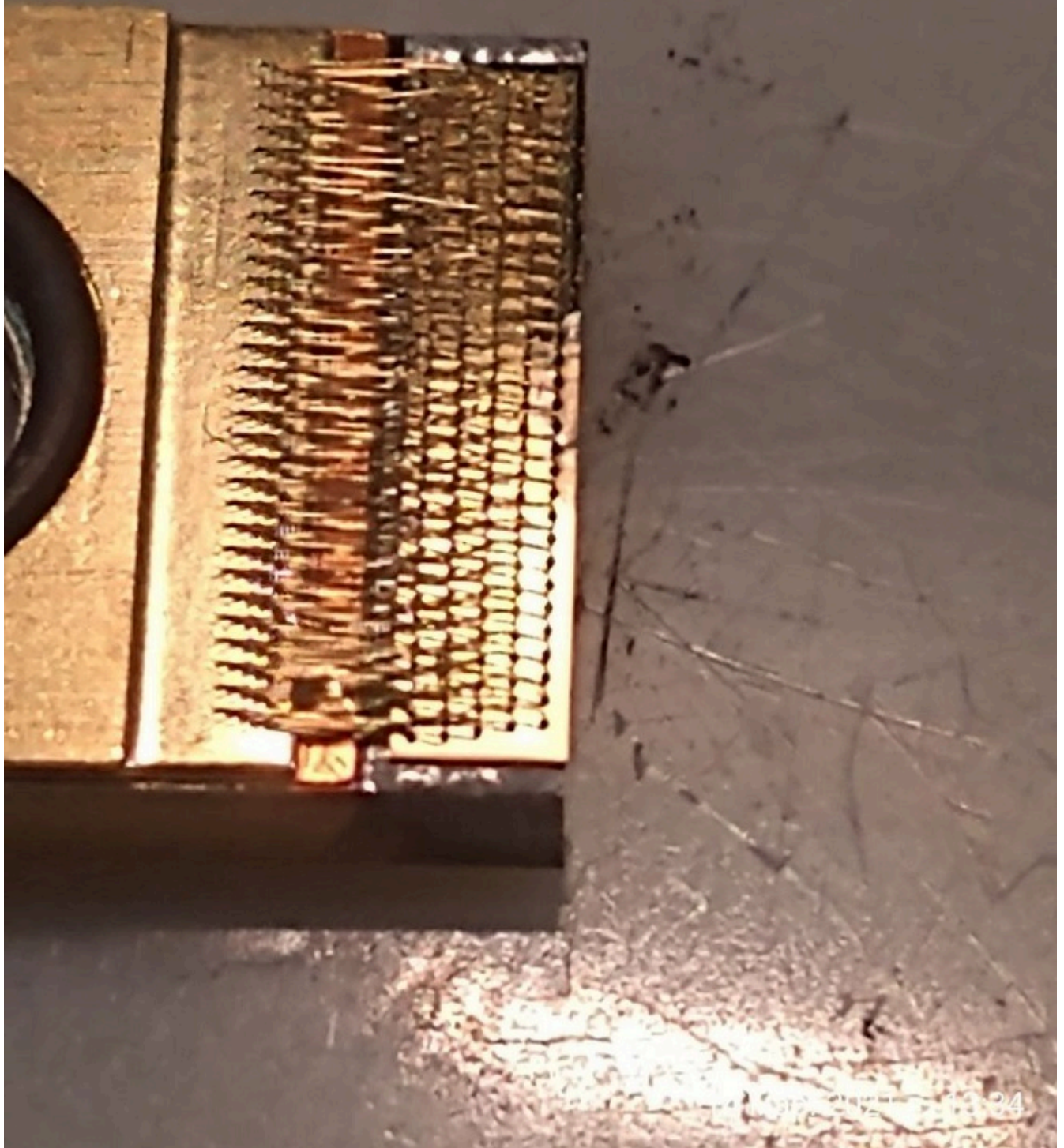
And here are photographs of damaged micro channel bars that have completely or partially failed. Photos were taken under a microscope.

The micro channel bar itself is coated with gold plating, which can peel off due to overheating.



This is the same new bar, but if it had already worked quite a bit.

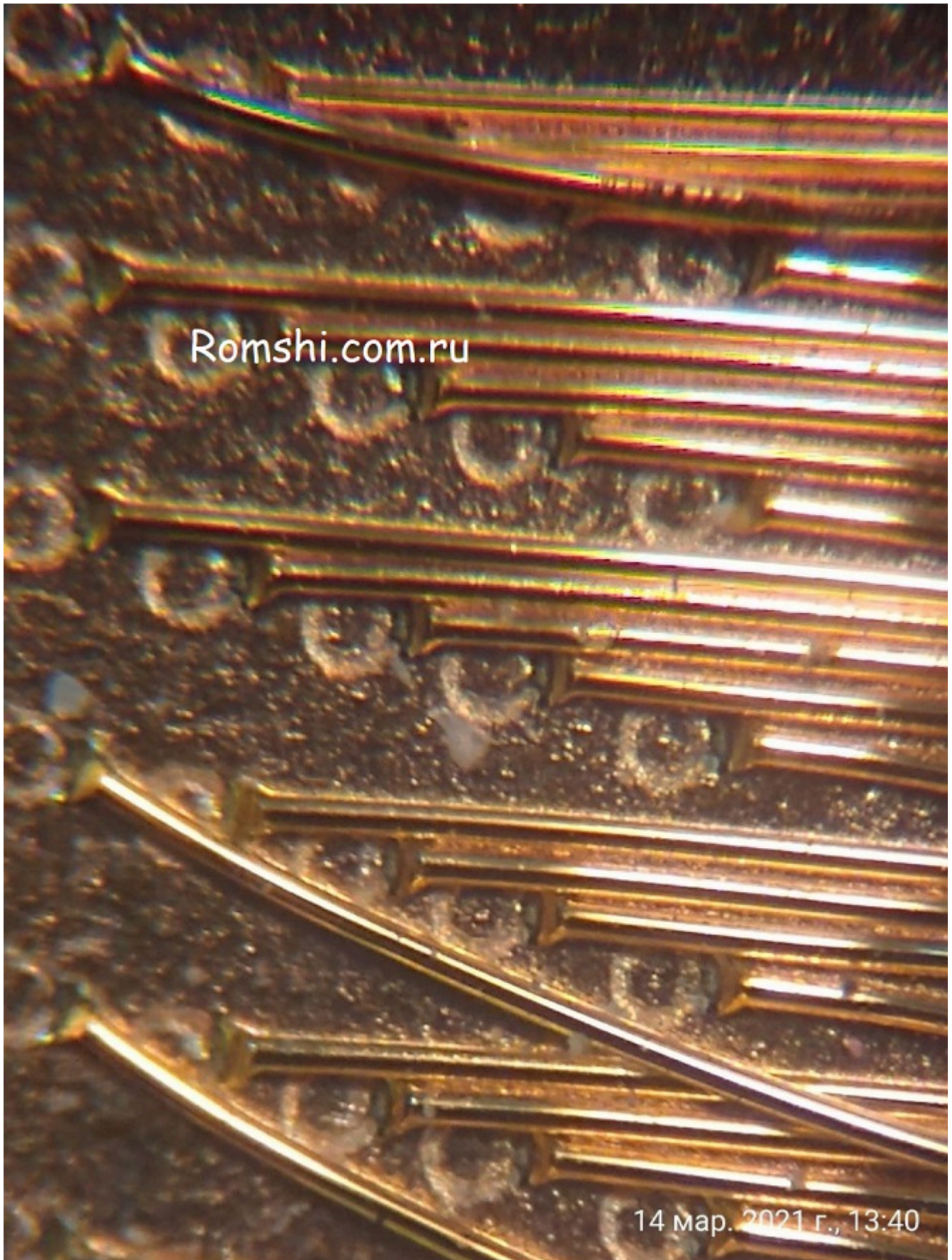
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Partially, the micro channel bar consists of an insulator on which a current-conducting layer is specially laid.

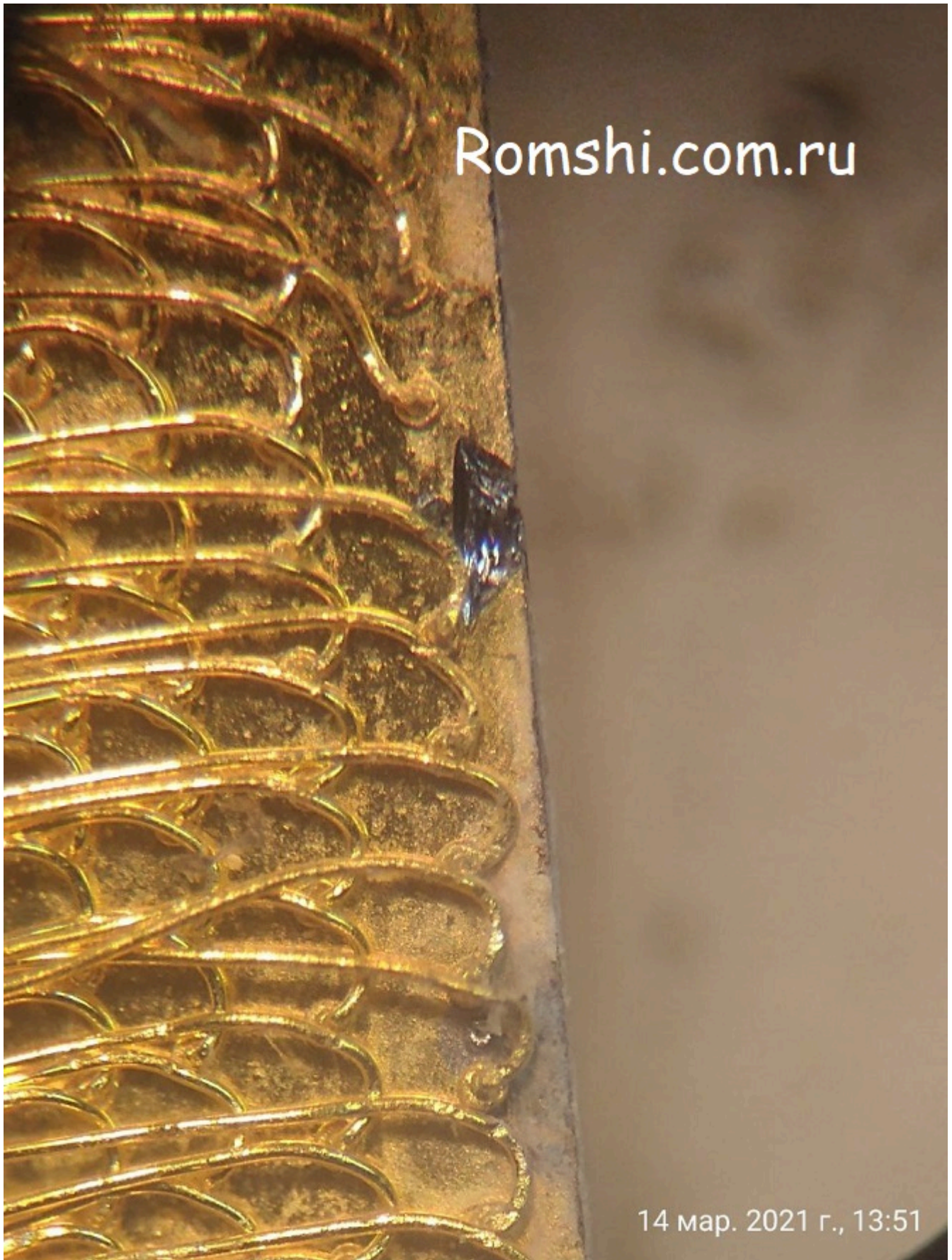


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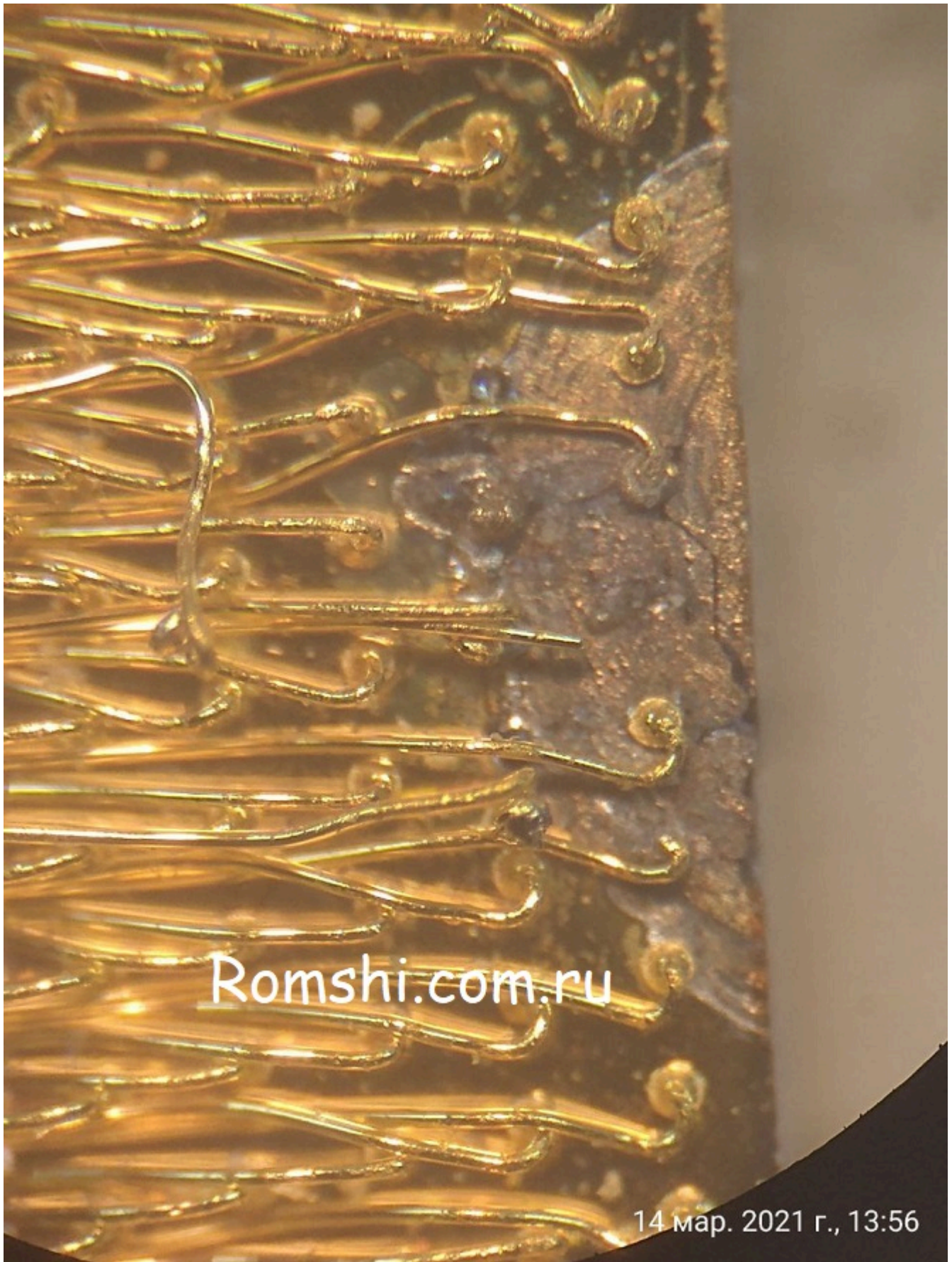
The photo shows a broken piece from the micro channel bar of the diode laser.

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14 мар. 2021 г., 13:51

This one was flooded with water, which can be seen from the traces left behind. That is, we can conclude that micro channel bars are cautious.

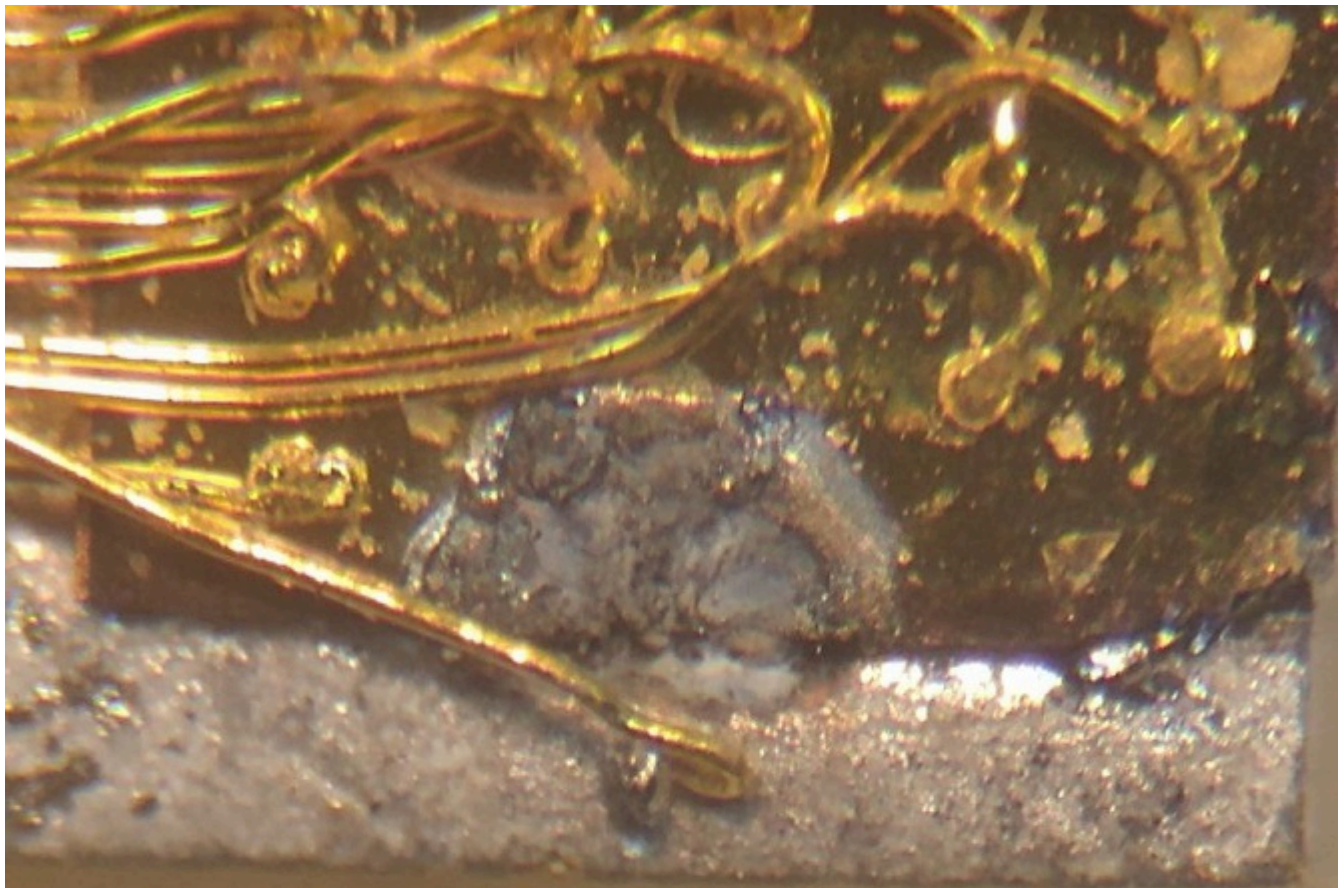


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14 мар. 2021 г., 13:56

The photo below shows a clear burnout. This type of laser bar will not work properly.





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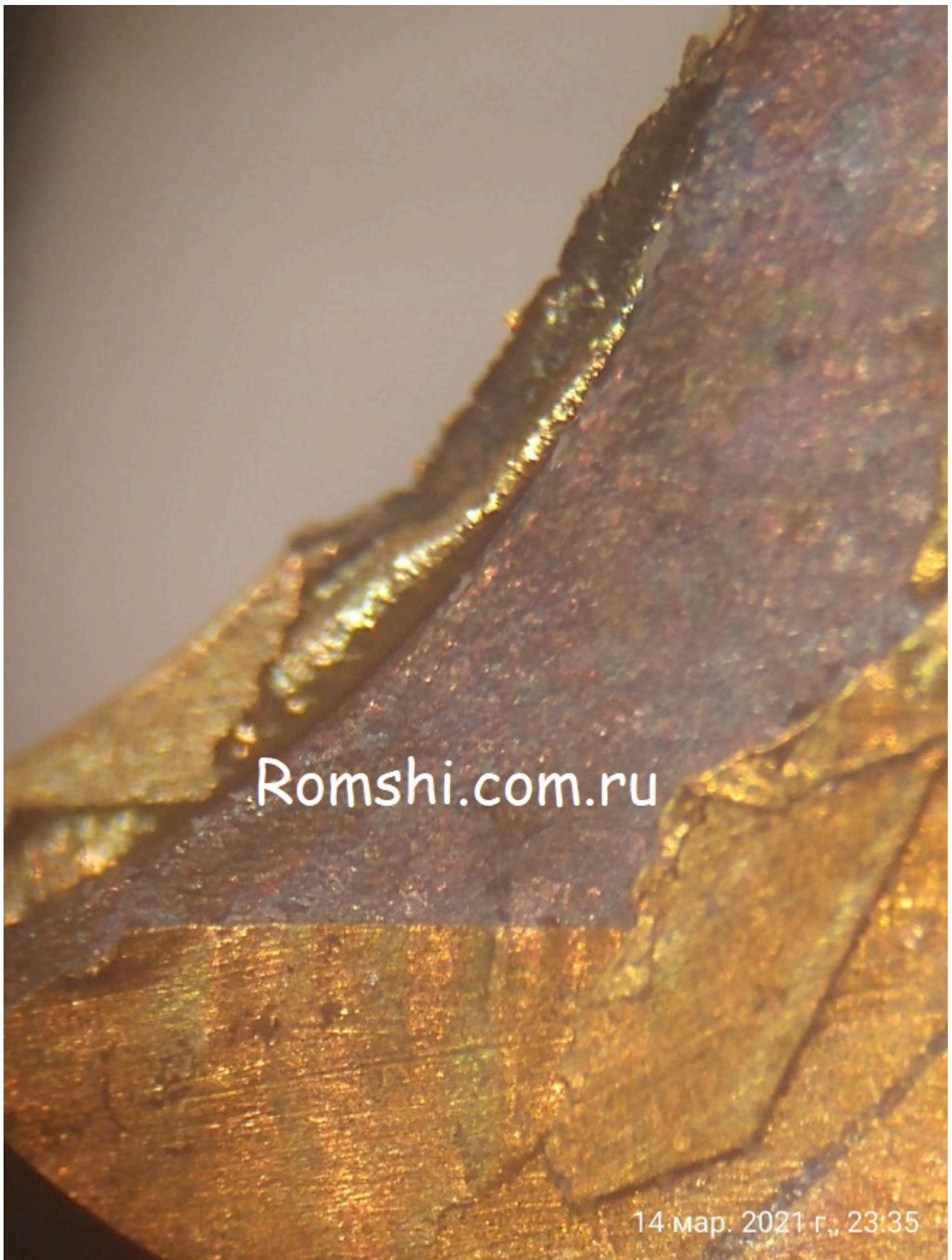
14 мар. 2021 г., 14:10

There is no gold-containing shell in this photo. Probably, gold, having peeled off from the copper plate, can block the microchannels inside the laser bar, which leads to its exit.

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Another notable example is that the gold plating is peeling off. Just in case, I'll note that no one will restore your micro-channel bar in a jewelry workshop. The microchannel laser bar is not just a piece of gold-plated copper, but a much more serious design.



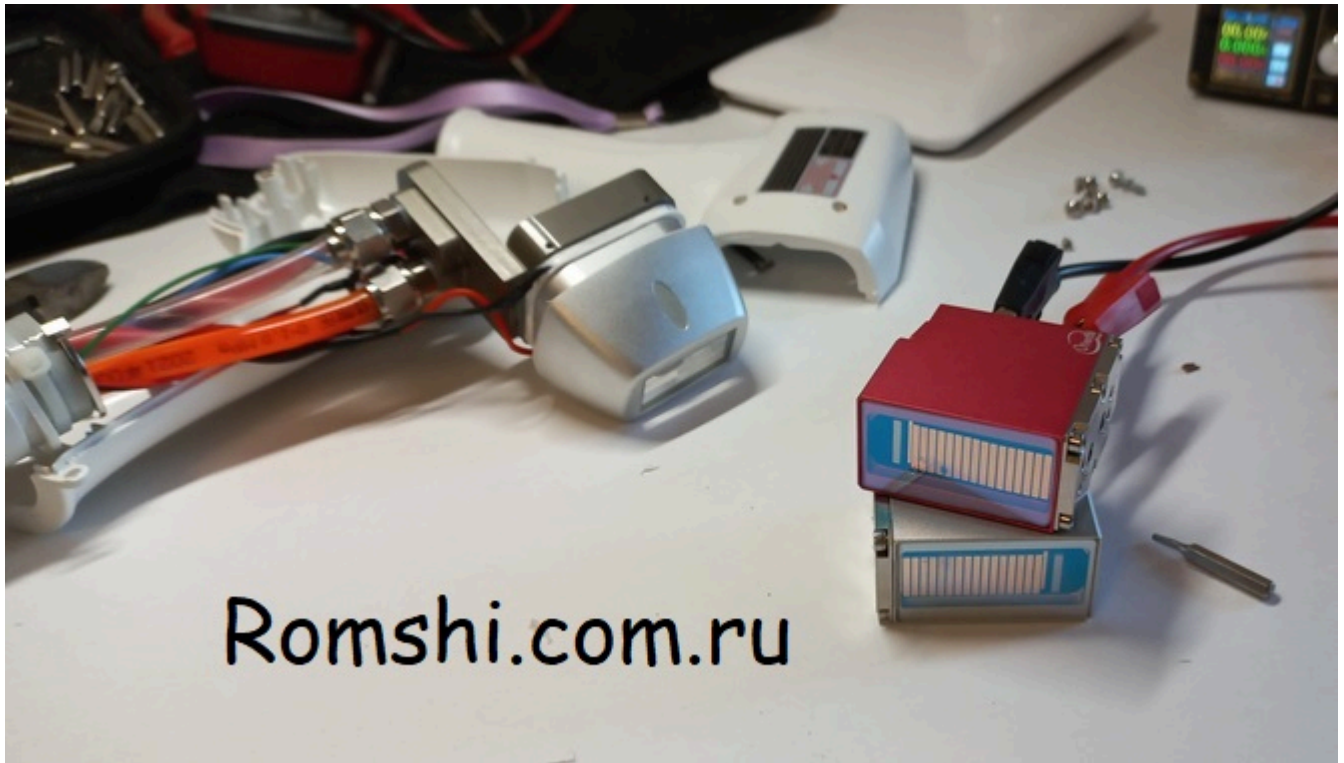
I will make an intermediate conclusion, the most important for micro channel stacks.

- pour distilled water into the laser,
- change filters on time and the system must have coarse and soft filters.
- the water temperature should not be higher than 22 degrees for the stack to operate for a long time.
- the laser must have a powerful pump for pumping water in micro channels.

## Diode lasers with microchannel handles from Oriental Laser.

Let's look at the 1600 watt option below. These photos from the inspection show 2 handles from 1 laser model with a micro channel diode matrix.

This stack has 16 working bars.



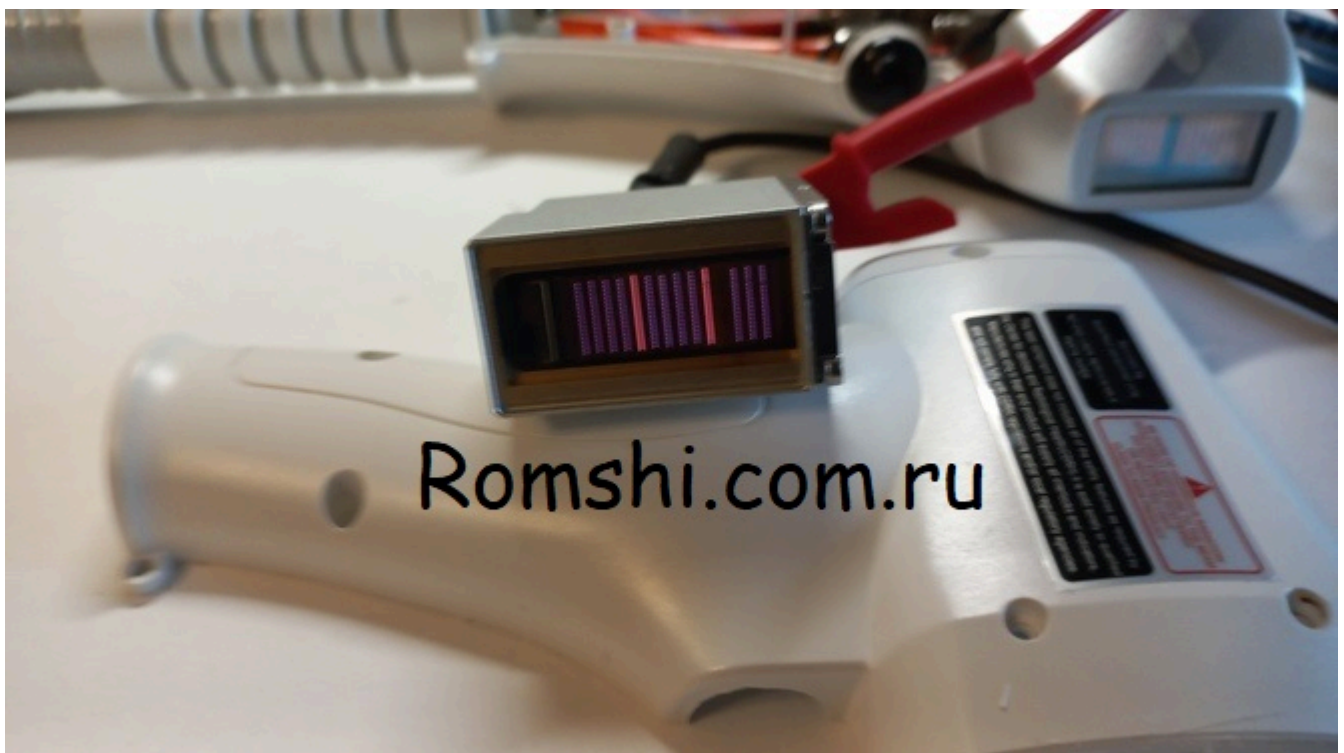
In this case, the width of 1 bar is 11 mm.



The photo shows an example with 1 bar burned out. There was a request to replace 1 bar, but inspection under a microscope shows that the remaining bars that shine under magnification are not in the most ideal condition. It should be noted that diode lasers with such a micro-channel matrix must have a compressor with freon and a powerful pump for pumping water. In China, such devices cost around \$7,000, since the laser stack itself at 16 bar 1600 watts plus a hybrid one (strips of different brightness) costs around \$4,500.



In the photo below, 13 stripes are burning, 1 burnt to the right of the pink one, but also at the edges they are also burning, but the camera poorly conveys the glow. The length of 1064 nm cannot be seen with the eye, only through a phone, and even then not through everything.

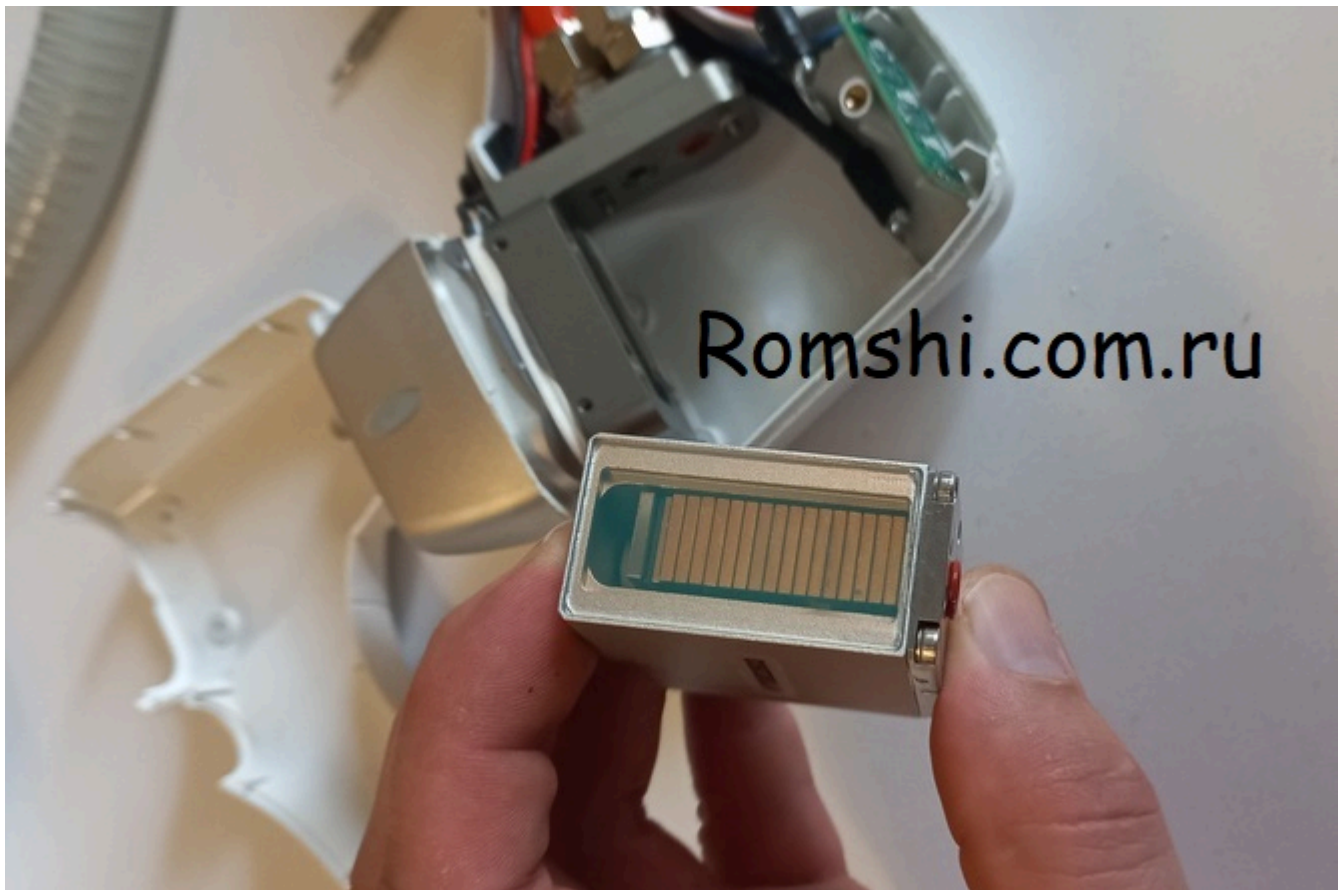


This is what the pen design for this laser looks like. As a rule, many pens also have temperature sensors.

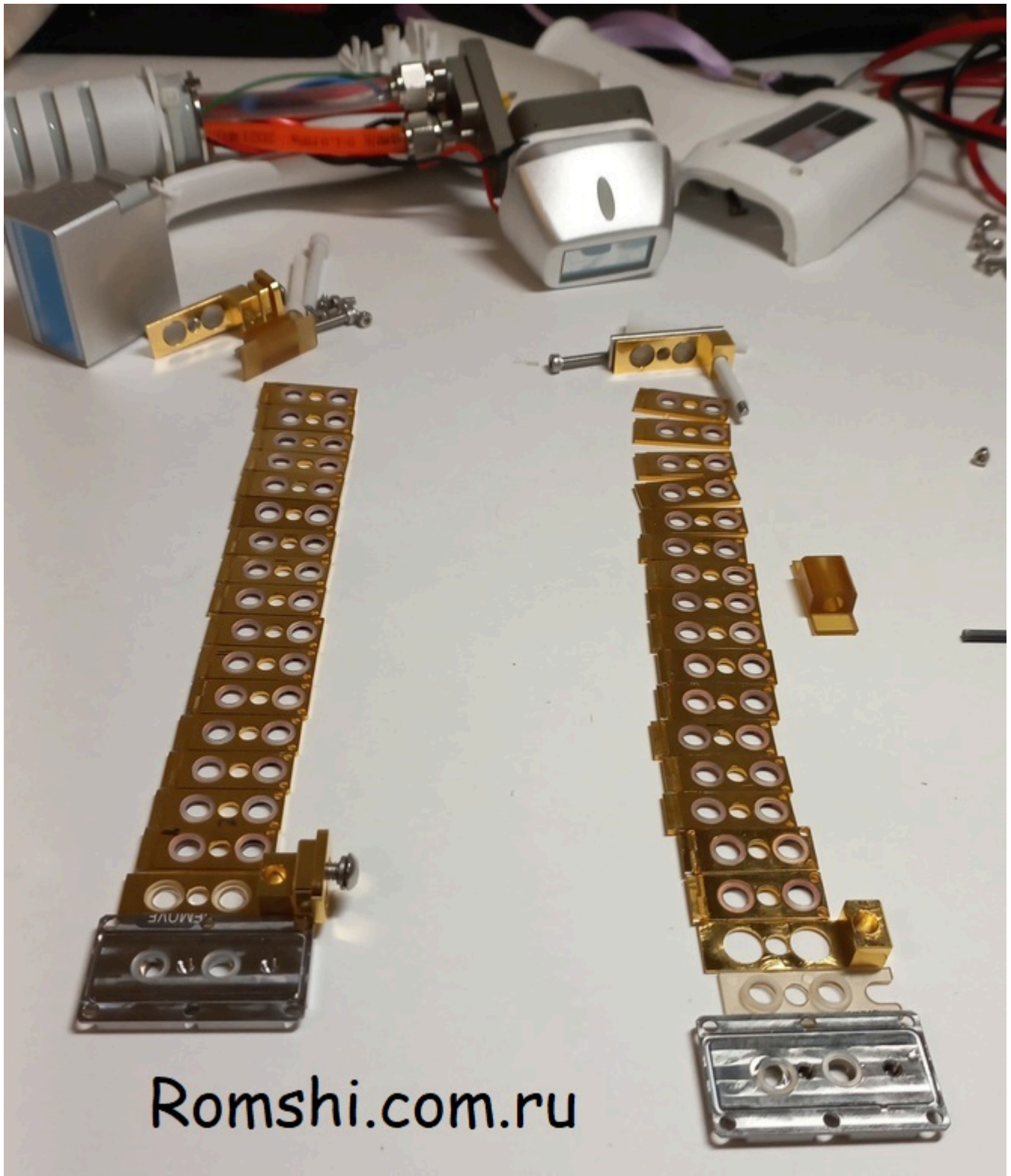


A few more photos of these pens disassembled.





And this is what 2 disassembled handles with 16 bar stacks, which produce 1600 watts, already look like.



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If you already have a diode laser with a micro channel stack and 1 stack has burned out, then you can contact us for repairs and spare parts. In most cases, you can install a manipula.



And this is what 1 micro channel bar at 100 watts looks like for these handles.

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ТУТ

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The photo shows 1 micro channel bar under a microscope. The entire surface is golden in color, which indicates the excellent condition of the laser bar.

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This photo shows slight wear of the micro channel plate from the stack.



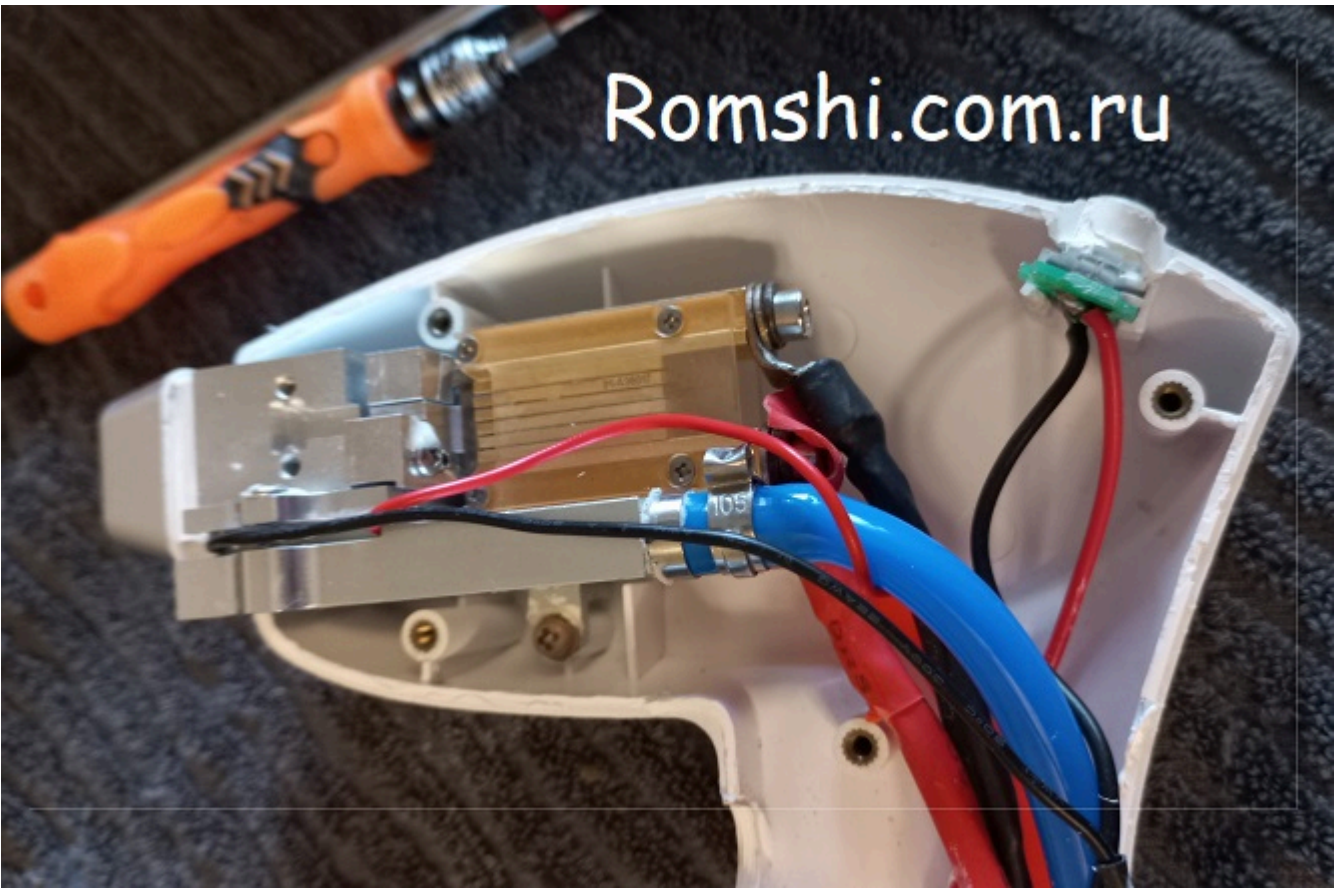
In this photo you can already see that some contacts on the micro channel plate have already been torn off. That is, it will no longer be able to produce full power.



## Diode lasers with microchannel handles from KLSI (Inmoution).

The photo below shows the disassembled handle of another 1 diode laser with a micro-channel matrix.

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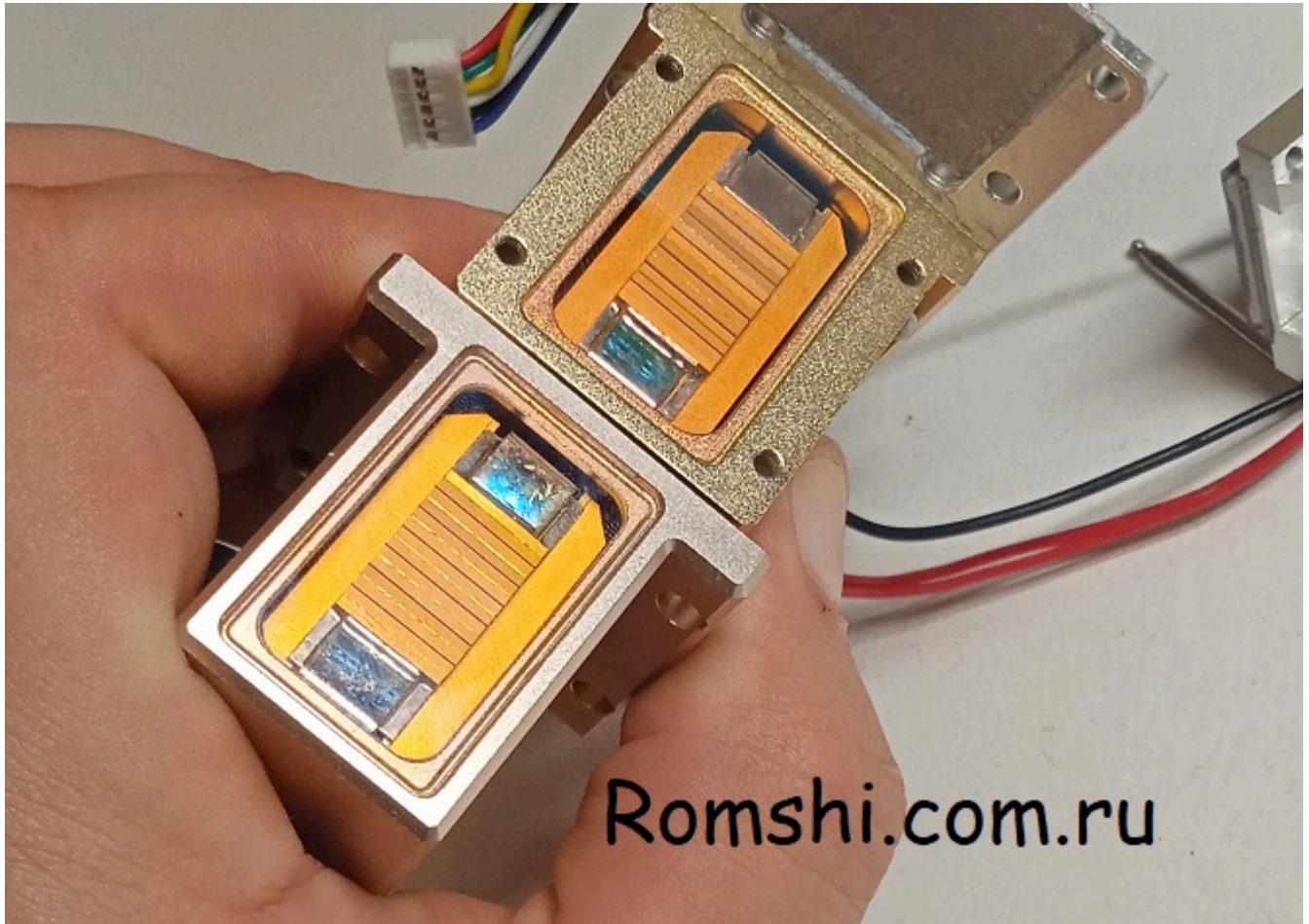
As a rule, the number of working bars in such a design is 3, 5 and 6. The maximum power that I came across is 6 \* 100-600 Watts.



In this section of the article, I presented various options for micro channel bars that I came across. If you decide to buy a device with a micro channel handle, keep in mind that it is imperative to change the water filters and change the distilled water. The excuse that, let's say, you haven't worked on the device for several months, then the water is still good, will be categorically untrue. I showed examples from 300 watts to 1600.

The total power is usually proportional to the window size with approximately the same energy density. That is, I would advise taking a power of 600 watts, since in fact it will be more difficult to cool 1600 watts.

TO SUPPORT THIS SECTION OF THE ARTICLE ON DIODE MATRIXES, I WILL GIVE ANOTHER EXAMPLE 10 photographs so that you can double-check whether you have determined the power of the device correctly. The correct answers are below the photo.



There are 2 diode matrices in the photo above. Each has 6 bar, that is, a power of 300 watts (6\*50). If you look through the window in the manipulator, then you will have the same picture. But, when disassembling the diode laser handle, it turned out that the outer housing of the diode matrix differed from the standard one.



The photo above shows a diode stack from a Honkon laser. 800 watts. We see 8 stripes, which are located at a distance of 3.4 mm. In this case, 1 bar is 100 watts.

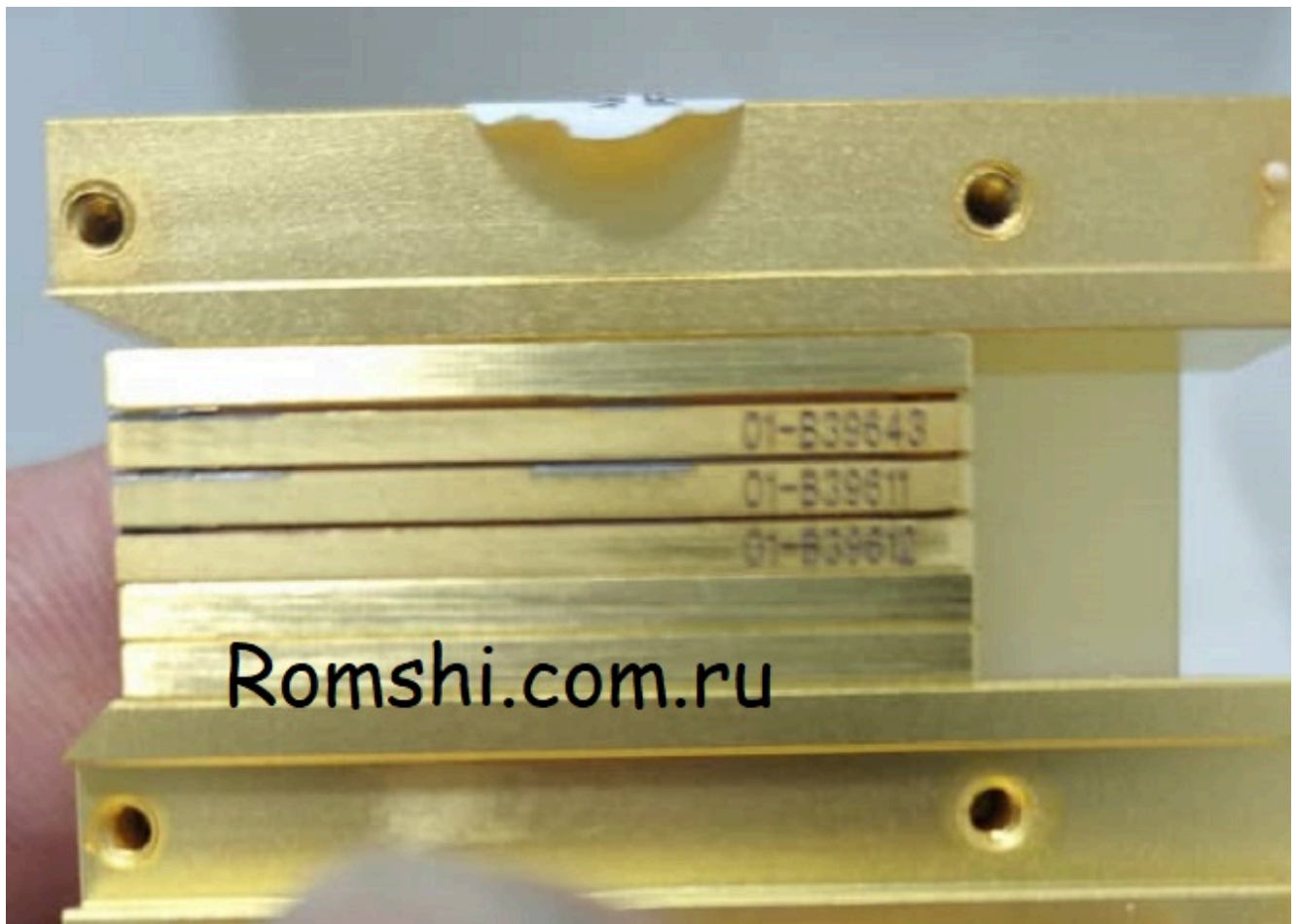


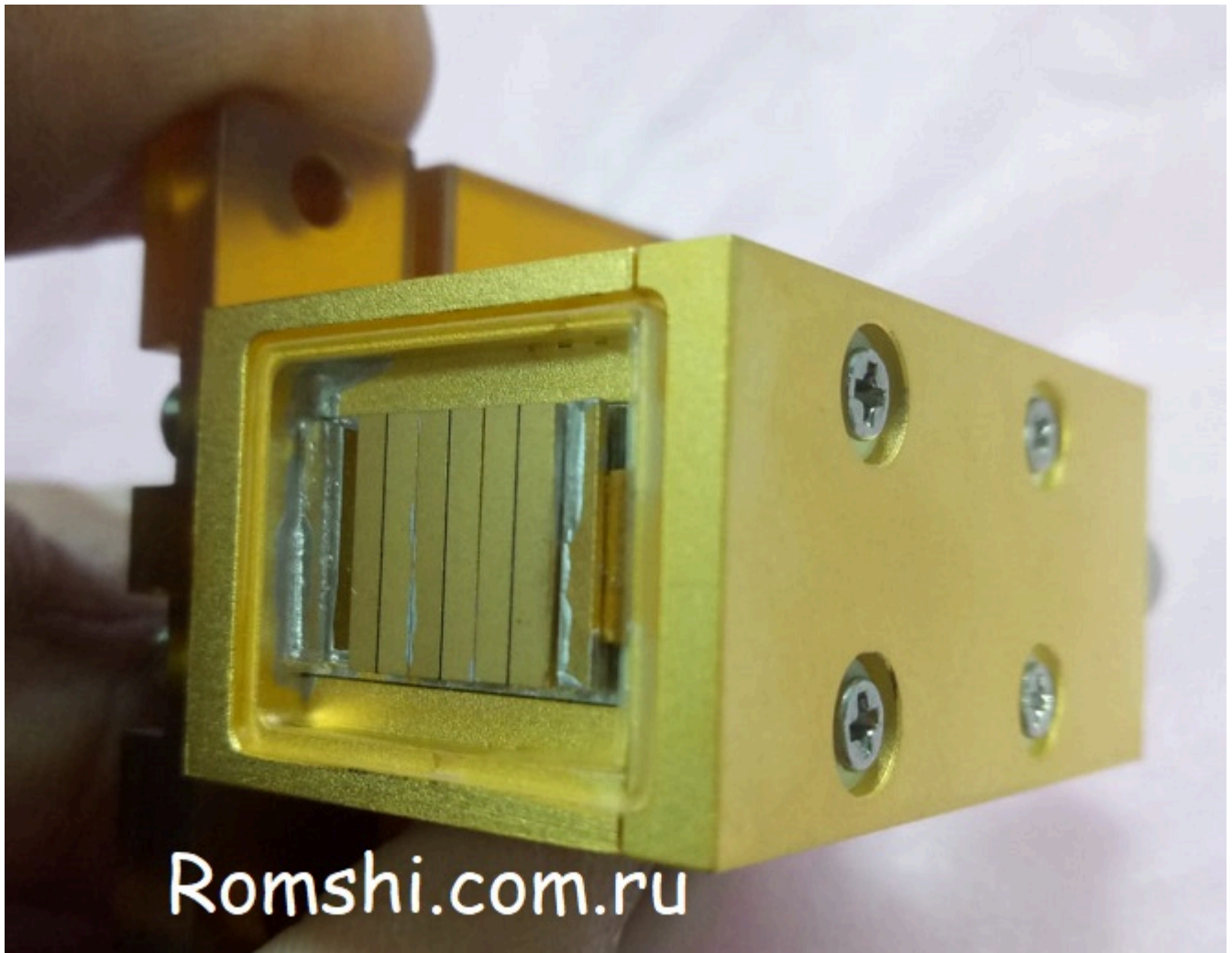


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Here is an interesting case of a miscalculation by the Honcon company. They originally made an 800 watt pen (8 bars x 100 watts). But it turned out that the energy density per square centimeter is weak. Next, the manufacturer decided to leave the stack the same size, but increased the number of bars. In the photo above it is 12 bar. Sellers claim it's 1200 watts, but you have to look at the spacing between the bars. With a full current supply of 1200 watts, the bars will fail due to overheating. In this case, 12 bar produces approximately 1000 watts instead of 1200 without taking into account the size of the output window.

We can draw an intermediate conclusion that in the Honkon 1200 kk diode laser, the output power of 1200 is marketing.





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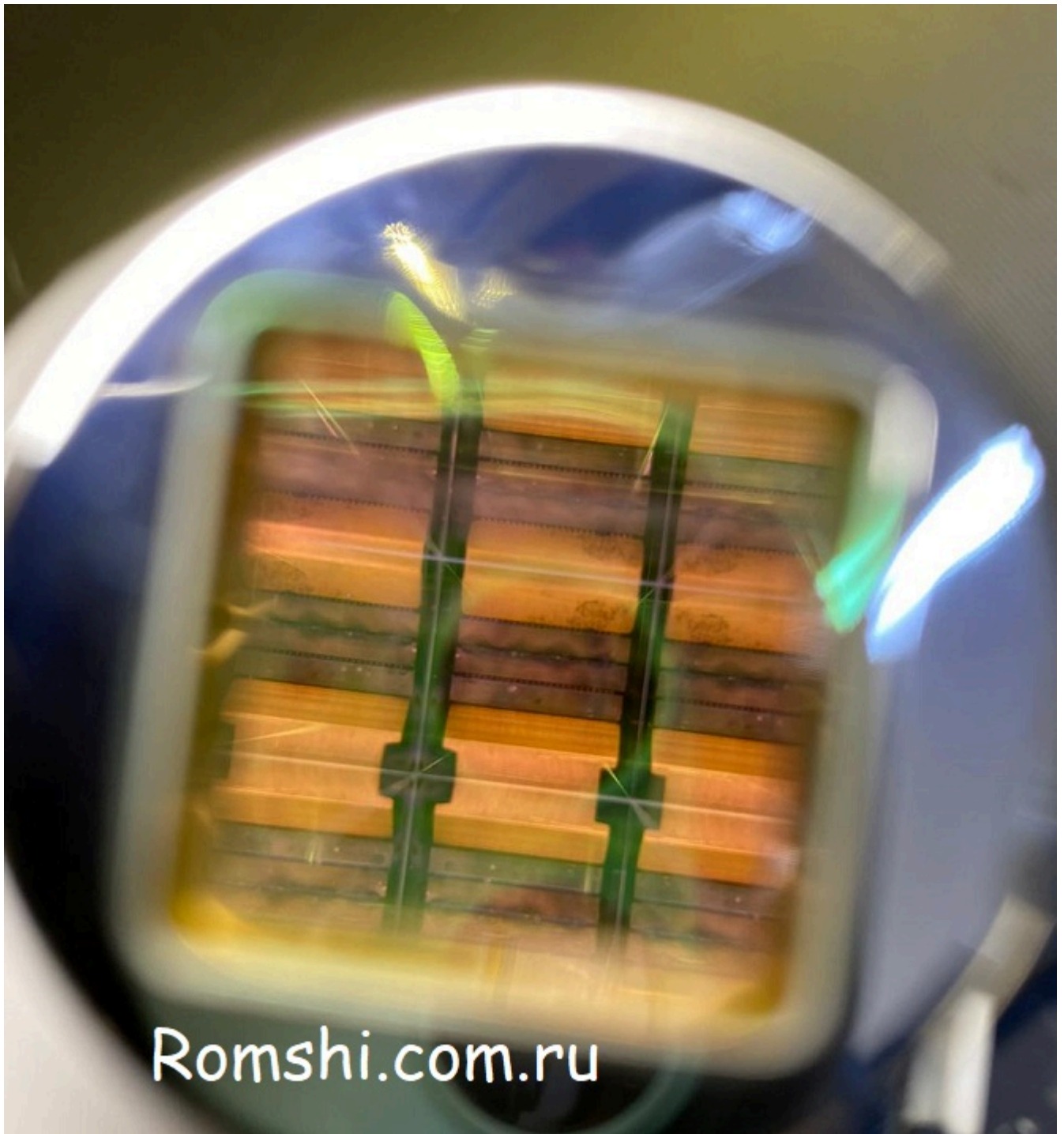
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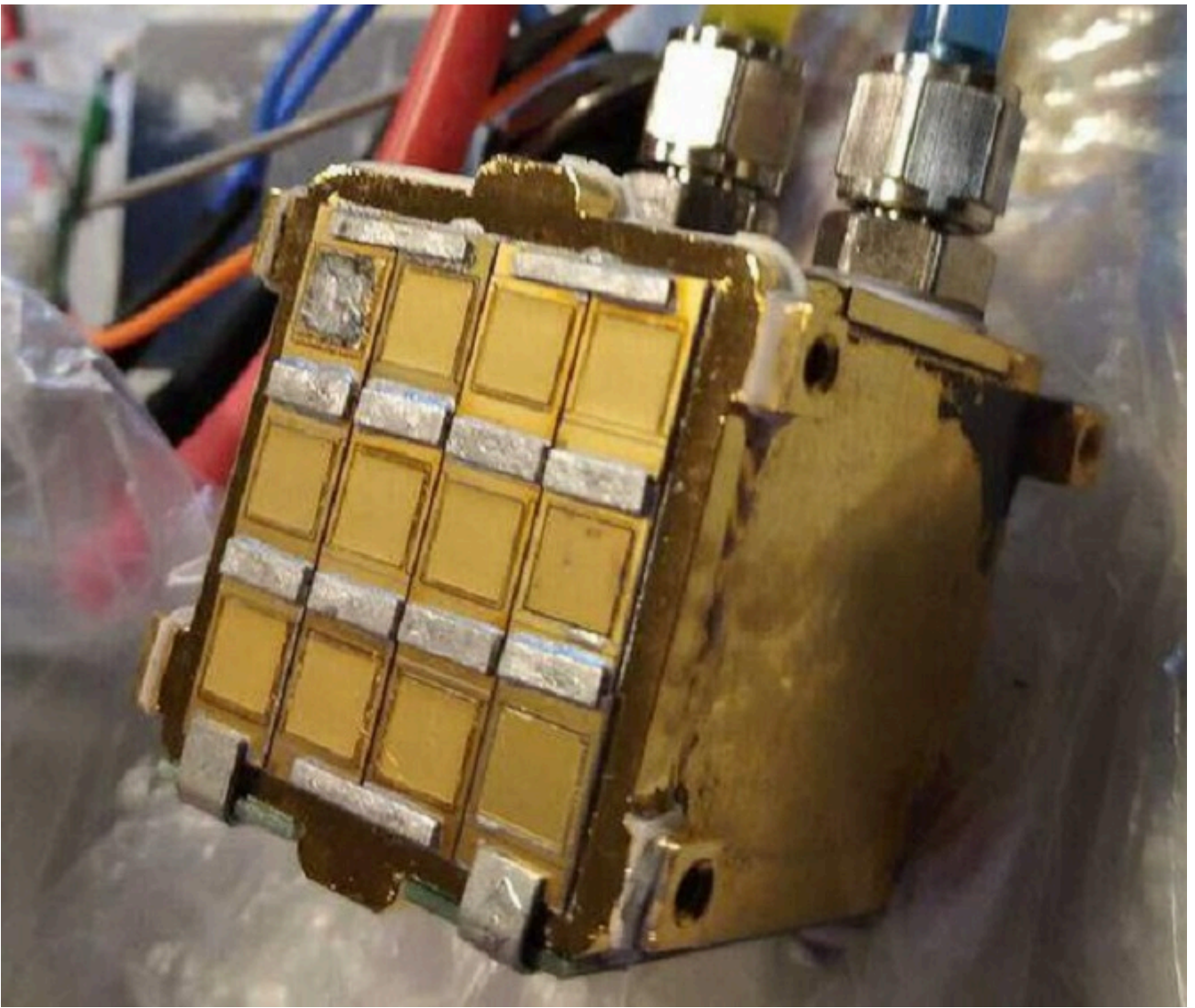


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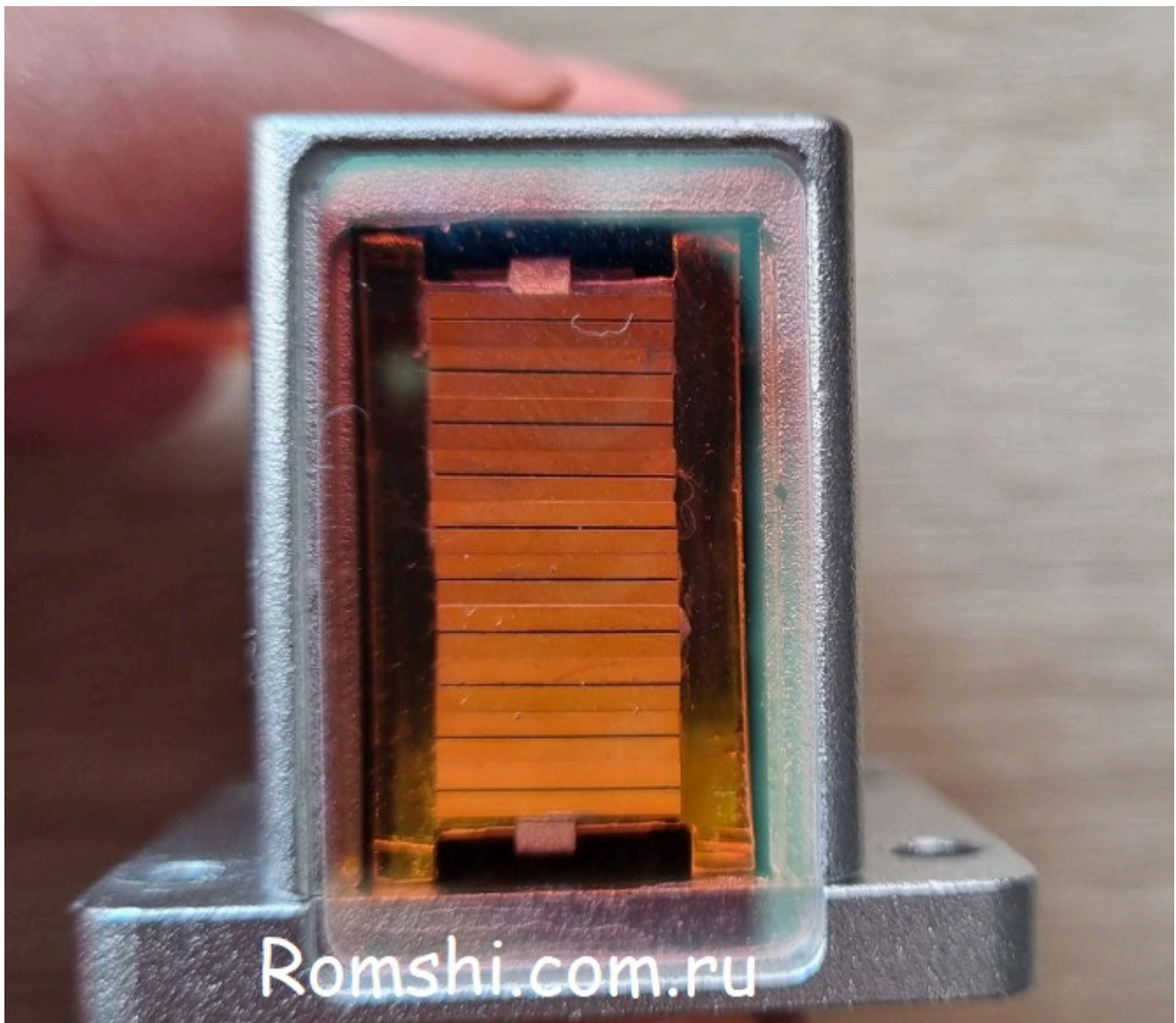






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**In the photo below are spare parts for a diode laser pen :** laser bar 600 watt 6 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt adss amur-x. This stack is suitable for the adss fg2000b, fg2000d laser.

**link to** youtube (<https://www.youtube.com/shorts/tyOmfzxwSQo>) .



**In the photo below are spare parts for a diode laser pen :** laser bar 500 watt 10 bar, laser emitter, diode stack 500 watt from manufacturers LST, DVS, HT, COE, HR. Macro channel diode matrix 500 W 10 bar is installed in the device ozero khanka pioner, stelle laserDPL-4C, DPL-4B, ALD-1, LD-6, APQ-1S, DPL-4A, APDL-2B, ADL-5, LD- 5, LD-2,

ALD-2), adss fg2000b.

link to youtube (<https://www.youtube.com/shorts/phjvTEC-azA>) .



In the photo below is a macro channel diode matrix, diode assembly for the Zollaser device, zollaser, kiers 144 (kiers 144) with a power of 600 watts 6 bar. .

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a macro channel diode matrix, diode assembly for the Honkon device with a power of 800 watts 8 bar. So there is also 12 bar 1200 watts.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a macro channel diode array, 800 watt diode assembly . On the left is 16 bar, in the middle is 8 bar and on the right is 8 bar. This is an example that even one power diode stack can look structurally different.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows the ORIGINAL macro channel diode matrix, diode assembly for the adss fg2000b, fg2000d device with a power of 600 watts 6 bar.

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows macro channel diode matrices, diode assemblies from the same manufacturer . In this case size there are 200, 250, 300, 350, 400, 500, 600 watts.

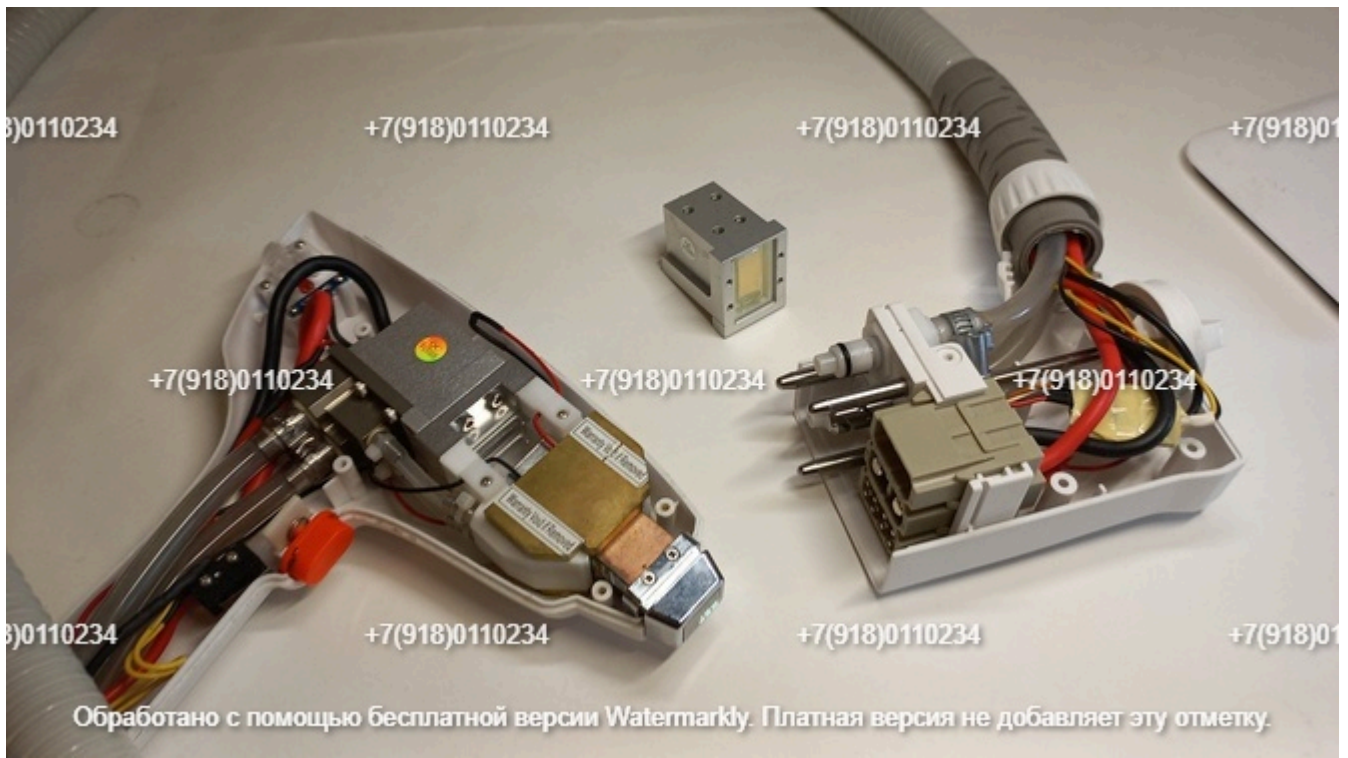
link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows a macro channel diode matrix, diode assembly for a pz laser device with a power of 500 watts 10 bar.

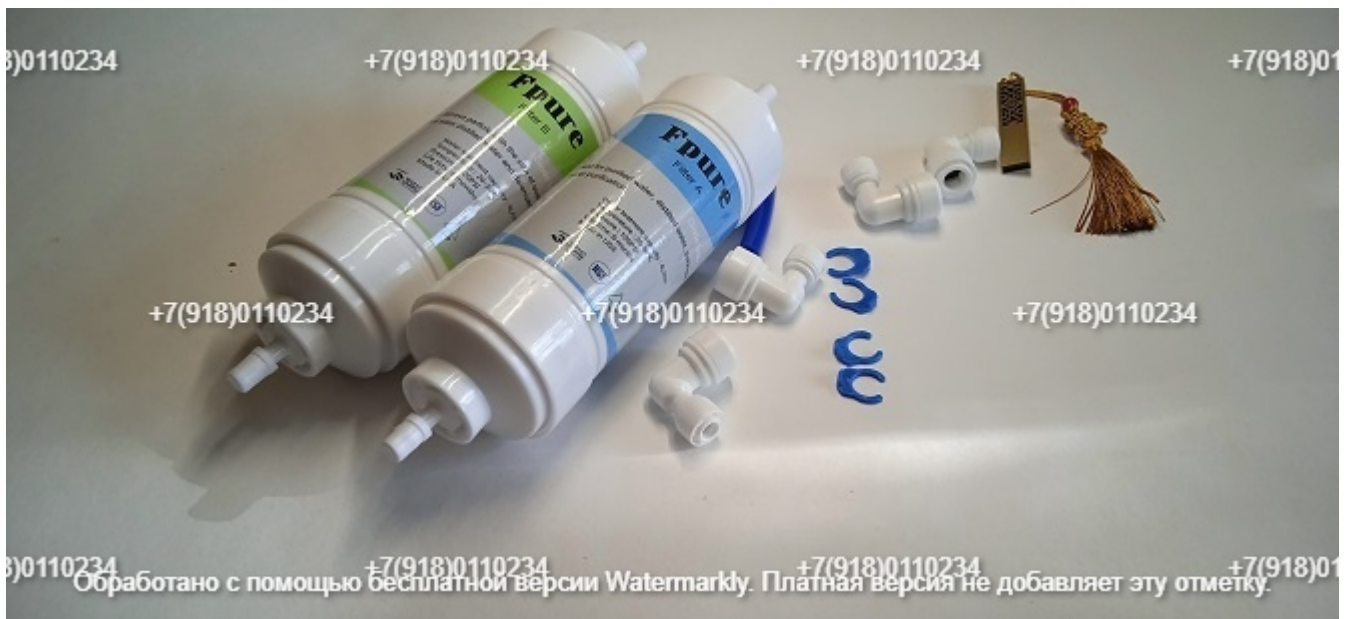
link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .





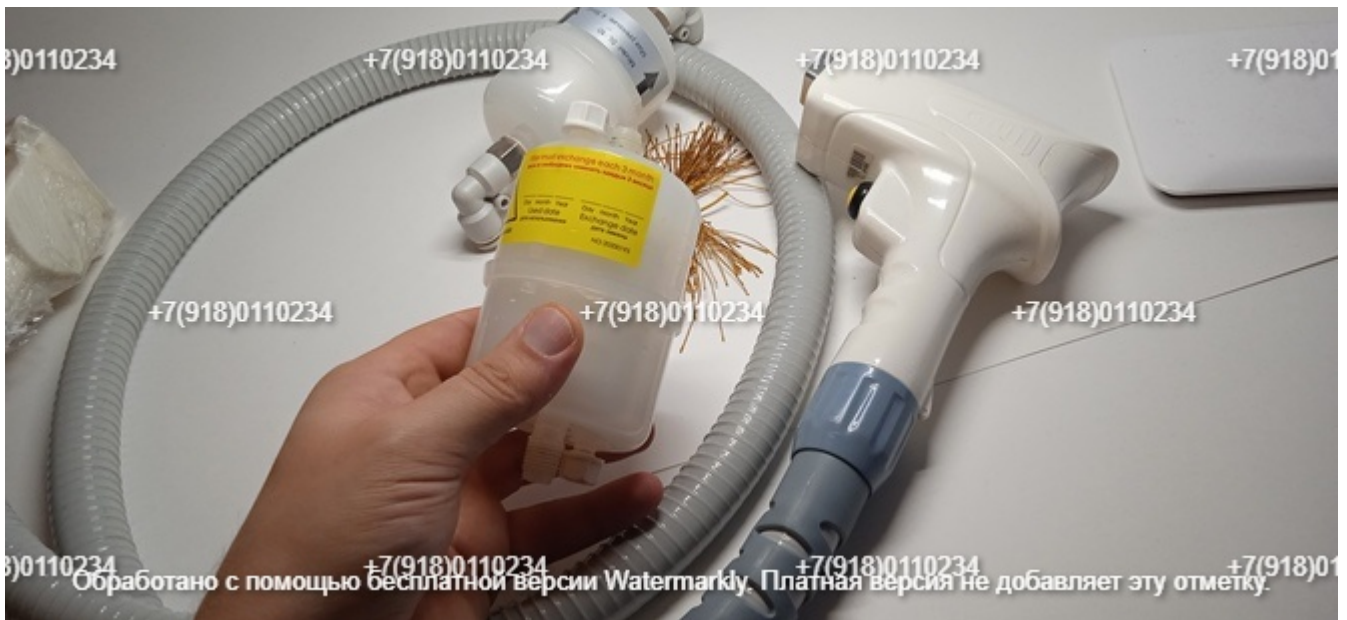
In the photo below are filters for kiers 144 .

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



The photo below shows filters for ozero khanka ok01 and pioneer lasers .

link to youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



**In the photo below, spare parts for a diode laser pen :** laser bar 200 watts 4 bars, laser emitter, diode stack 200 watts LST, DVS, HT, COE, HR, a diode matrix of this power is found in the simplest devices.

**link to** youtube (<https://www.youtube.com/watch?v=vQUWsMyig8k>) .



**In the photo below there are spare parts for a diode laser pen :** laser bar 350 watt 7 bar and there is 400 watt 8 bar, laser emitter, diode stack 350 watt LST, DVS, HT, COE, quite a rare model.

**link to** youtube (<https://www.youtube.com/shorts/dGY18tfxG0w>) .



**In the photo below are spare parts for a diode laser pen :** laser bar 600 watt 12 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 600 watt.

**link to** youtube (<https://www.youtube.com/shorts/EeBUqBhui34>) .



**In the photo below are spare parts for a diode laser pen :** laser bar 250 watt 5 bar, laser emitter, diode stack 250 watt LST, DVS, HT, COE, adss, HR, diode matrix 250 watt.

**link to** youtube ([https://www.youtube.com/shorts/oLf2w\\_TLwZg](https://www.youtube.com/shorts/oLf2w_TLwZg)) .



**In the photo below are spare parts for a diode laser pen :** laser bar 300 watt 6 bar, laser emitter, diode stack 600 watt LST, DVS, HT, COE, adss, HR, diode matrix 300 watt.

**link to** youtube (<https://www.youtube.com/shorts/tyOmfzxwSQo>) .



Are you here: [home \(/\)](#) ▶ [Blog about the design of diode lasers. How to choose a diode laser.](#)

© 2024 ADSS, KEYLASER, Untlaser plant equipment, repairs, components, spare parts for diode lasers, cosmetology equipment, diode stacks, matrices |romshi.com.ru [Top](#)



(<https://metrika.yandex.ru/stat/?id=46440600&from=informer>)



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Войти



Главная

Подписаться

View channel stats



Shorts

Плейлисты

Сообщество



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Вы

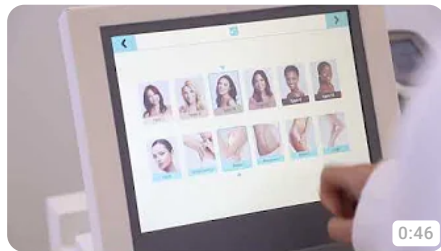


История

Старые



808 nm Laser Hair



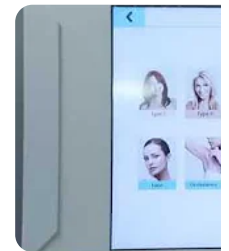
Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

45 просмотров • 1 год назад



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

29 просмотров • 1 год назад



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

35 просмотров • 1 год назад



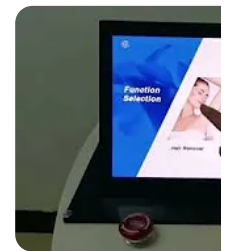
808 nm Laser Hair



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

# Android diode laser 808nm hair removal machine



@aesthetic\_devices · 140 подписчиков · 174 видео



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Войти



Главная



Shorts



Подписки



Видео



История

hair removal

Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

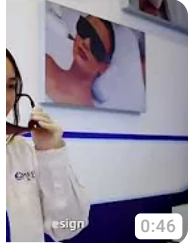
17 просмотров • 1 год назад

Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

20 просмотров • 1 год назад

Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

14 просмотров • 1 год назад

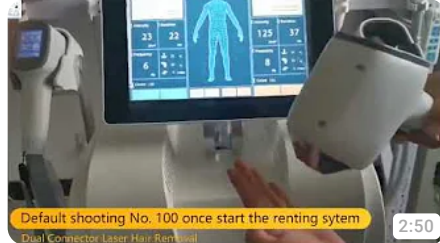


...er Hair



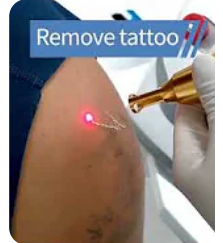
Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

30 просмотров • 1 год назад



Untlaser New Diode Laser 808 nm Laser Hair Removal Machine

18 просмотров • 1 год назад



Unleashing the Power of Laser Technology in Hair Removal: Transforming the Industry

31 просмотр • 1 год назад



808 nm Laser Hair



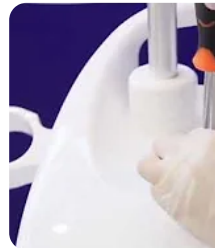
Achieve Flawless Results with Nd:YAG Laser Equipment

25 просмотров • 1 год назад



Nd:YAG laser video

23 просмотра • 1 год назад



Diode Laser 808 nm Laser Hair Removal Machine | hair removal

20 просмотров • 1 год назад



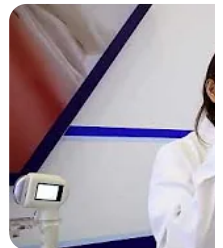
hair Removal manufacturer



Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer



Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer



Diode Laser 808 nm Laser Hair Removal Machine | hair removal

# Android diode laser 808nm hair removal machine



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Вы



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Каналы Плейлисты Сообщество

Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

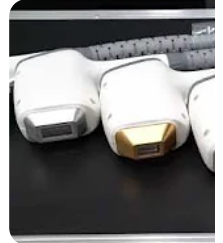
Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Electronic Muscle Stim machine

15 просмотров · 1 год назад

33 просмотра · 1 год назад

17 просмотров · 1 год на:



Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

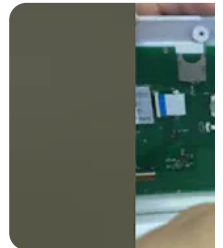
Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm La Machine | hair removal

18 просмотров · 1 год назад

17 просмотров · 1 год назад

15 просмотров · 1 год на:



Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

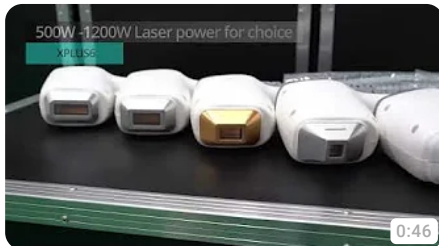
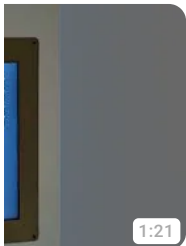
Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm La Machine | hair removal

14 просмотров · 1 год назад

17 просмотров · 1 год назад

30 просмотров · 1 год на:



Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808 nm La Machine | hair removal

# Android diode laser 808nm hair removal machine



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Короткие видео Плейлисты Сообщество

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

13 просмотров • 1 год назад

14 просмотров • 1 год назад

13 просмотров • 1 год назад



0:46



Smart Android screen

0:40



0:46



Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

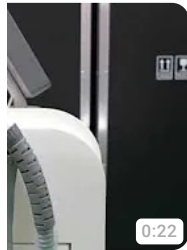
Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

14 просмотров • 1 год назад

13 просмотров • 1 год назад

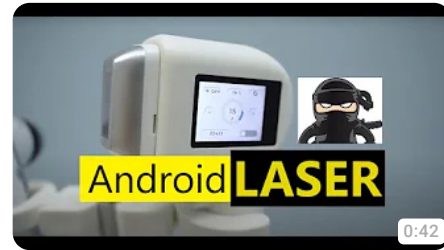
8 просмотров • 1 год назад



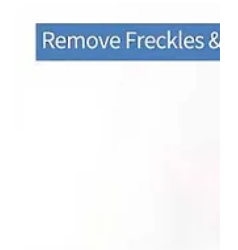
0:22



0:43



0:42



Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

10 просмотров • 1 год назад

154 просмотра • 1 год назад

48 просмотров • 1 год назад



0:46



0:17



0:45



Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer

# Android diode laser 808nm hair removal machine




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- Parts
Плейлисты
Сообщество
🔍
- Hair Removal manufacturer**

33 просмотра • 1 год назад




0:08

ilacja zniego ( +...

**Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer**

33 просмотра • 1 год назад




0:46

Untlaser - fabricante de depilación cosmética con láser de diodo 808nm -...

31 просмотр • 1 год назад

**Diode Laser 808nm Laser Hair Removal Machine | hair removal laser manufacturer**

39 просмотров • 1 год назад




0:46

Untlaser 808nm Diode Lazer Epilasyon Güzellik Ekipmanları Üreticisi...

25 просмотров • 1 год назад

**Untlaser 808nm Dioda Producent Sprzętu Kos**

52 просмотра • 1 год назад




0:46

Untlaser - produttore di diodi cosmetici 808nm

22 просмотра • 1 год назад


**depilación con 808nm -...**

0:46



**New Diode Laser 808 nm Laser Hair Removal Machine Factory Price**

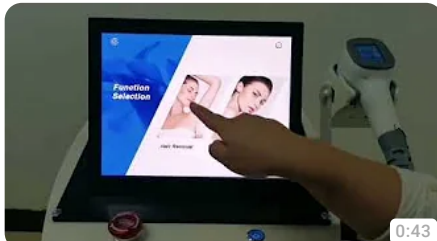
23 просмотра • 1 год назад



0:46

**New Diode Laser 808 nm Laser Hair Removal Machine Factory Price**


21 просмотр • 1 год назад



0:43


**Untlaser 808nm Diodo Apparechiatura di bell**

24 просмотра • 1 год назад




**Epilasyon i...**

0:38




**Nd:YAG laser #machine #ndyaglaser #ndyag #equipment**

0:23




**Untlaser - fabricante de depilación cosmética con láser de diodo 808nm -...**

2:02



**Untlaser 808nm Diode Güzellik Ekipmanları Ür**

00:05



# Android diode laser 808nm hair removal machine



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Короткие видео

Плейлисты

Сообщество

ser Hair ice

Nd:YAG laser #nyaglaser #nydag #manufacturer

26 просмотров • 1 год назад

Untlaser - produttore di epilazione laser a diodi cosmetici 808nm - ROMSHI.COM...

17 просмотров • 1 год назад

fabricante de depilación de diodo 808nm

51 просмотр • 1 год назад



one

Produttore...

1:49



Untlaser - fabricante de depilación cosmética con láser de diodo 808nm -...

17 просмотров • 1 год назад



Untlaser 808nm Láser de diodo Depilación

Fabricante de equipos de belleza...

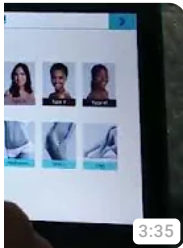
17 просмотров • 1 год назад



New Diode Laser 808 n

Removal Machine Fact

19 просмотров • 1 год на:



ser hair removal

SHI.COM...

3:35



New Diode Laser 808 nm Laser Hair

Removal Machine Factory Price

16 просмотров • 1 год назад



Alphalaser series

Vertical - Black cover

New Diode Laser 808 nm Laser Hair

Removal Machine Factory Price

17 просмотров • 1 год назад



New Diode Laser 808 n

Removal Machine Fact

20 просмотров • 1 год на:



ser Hair

ice

1:33



New Diode Laser 808 nm Laser Hair

Removal Machine Factory Price

1:01

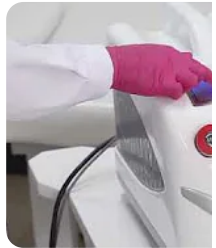


Nd Yag Laser Handpiece

New Diode Laser 808 nm Laser Hair

Removal Machine Factory Price

1:07



Nd:YAG laser Machine

28 просмотров • 1 год на:

# Android diode laser 808nm hair removal machine



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Подписки

Вы

История

Каналы Плейлисты Сообщество

Android diode laser 808nm hair removal machine manufacturer 808nm - ROMSHI.COM...

New Diode Laser 808 nm Laser Hair Removal Machine Factory Price

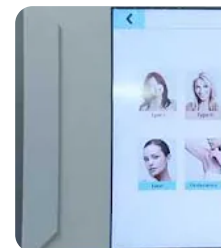
Untlaser - cosmetic diode laser hair removal manufacturer 808nm - ROMSHI.COM...

New Diode Laser 808 nm Laser Hair Removal Machine Factory Price

18 просмотров · 1 год назад

15 просмотров · 1 год назад

10 просмотров · 1 год назад



Untlaser - cosmetic diode laser hair removal manufacturer 808nm - ROMSHI.COM...

New Diode Laser 808 nm Laser Hair Removal Machine Factory Price

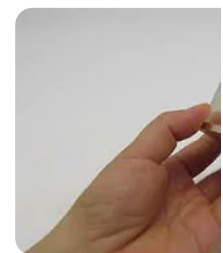
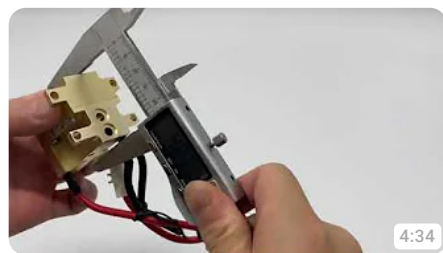
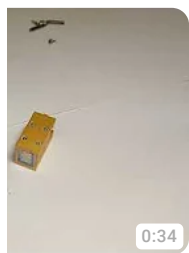
New Diode Laser 808 nm Laser Hair Removal Machine Factory Price

New Diode Laser 808 nm Laser Hair Removal Machine Factory Price

10 просмотров · 1 год назад

11 просмотров · 1 год назад

16 просмотров · 1 год назад



500/600watts series DVS-MS-...

OE Photonics 808nm 300/500/600watts #Diode #Laser #Stack MS Series DVS-MS-...

new laser #diode# stack for #laser diode 755nm+#808nm+1064nm . Laser diode...

new laser #diode# stack for #laser diode 755nm+#808nm+1064nm . Laser diode...

369 просмотров · 2 года назад

306 просмотров · 2 года назад

475 просмотров · 2 года назад



#laser diode .laser diode...

Spare parts, components, #diode matrices and #stacks for cosmetology Alma #Laser,...

Spare parts, components, #diode matrices and #stacks for cosmetology Alma #Laser,...

Spare parts, components, #diode matrices and #stacks for cosmetology Alma #Laser,...

# Android diode laser 808nm hair removal machine



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Короткие видео Плейлисты Сообщество



Подписки



Видео



История

10 bar for

laser diode laser 6 bar for laser hair removal  
( laser spare parts price)

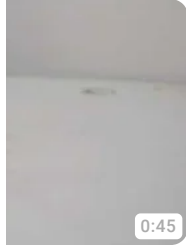
622 просмотра · 3 года назад

laser spare parts dilas 6bar for diode laser  
hair rmeoval

1,1 тыс. просмотров · 3 года назад

#laser diode laser 12 b  
#removal . links in desc

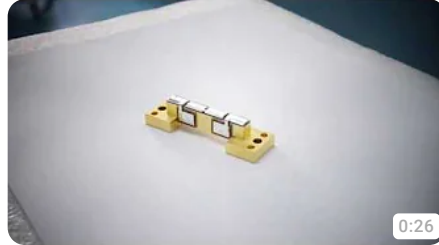
870 просмотров · 3 года



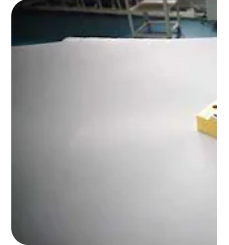
0:45



0:43



0:26





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Короткие

Плейлисты

Сообщество



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История

Старые



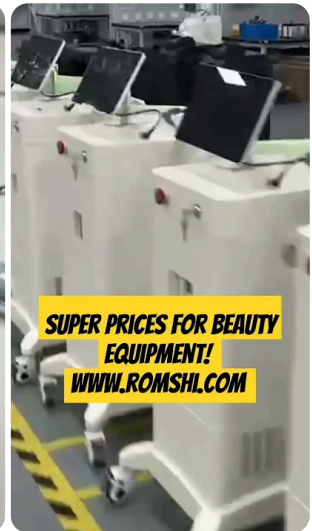
Riparazione e manutenzione di laser cosmetici con stack...  
41 просмотр



Spare parts for laser handle | New hair removal lasers...  
96 просмотров



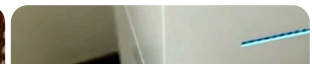
laser diode stack 808nm / Cosmetic Laser Maintenan...  
632 просмотра



android diode laser 808nm hair removal machine | sale  
47 просмотров



Androi hair re  
95 прс



# Android diode laser 808nm hair removal machine



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Короткие видео Плейлисты Сообщество

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История



Diode Laser 808 nm Laser Hair Removal Machine | hair...

просмотр



Diode Laser 808 nm Laser Hair Removal Machine | hair...

39 просмотров



Diode Laser 808 nm Laser Hair Removal Machine | hair...

141 просмотр



Diode Laser 808nm Laser Hair Removal Machine | hair...

37 просмотров



Diode Laser 808 nm Laser Hair Removal Machine | hair...

134 просмотра



Diode Laser 808nm Laser Hair Removal Machine | hair...

44 просмотра



Diode Laser 808nm Laser Hair Removal Machine | hair...

537 просмотров



reallyreallyreally so it is!UNT Laser beauty machine ener...

4,7 тыс. просмотров



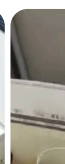
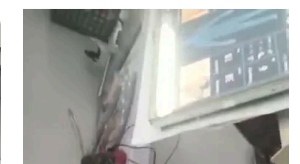
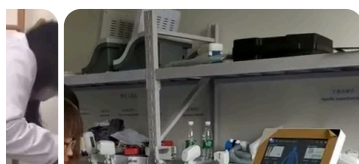
New Diode Laser 808 nm Laser Hair Removal Machin...

100 просмотров



Alpha: Vertical...

33 просмотра



# Android diode laser 808nm hair removal machine



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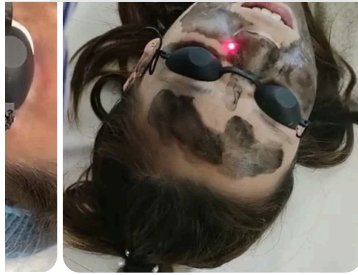
Подписки



Вы



История



New Diode Laser 808 nm  
Laser Hair Removal Machin...  
340 просмотров



Repair diode laser  
microcanal. #Spare #parts...  
1 тыс. просмотров



Repair diode laser  
microcanal. #Spare #parts...  
1,2 тыс. просмотров



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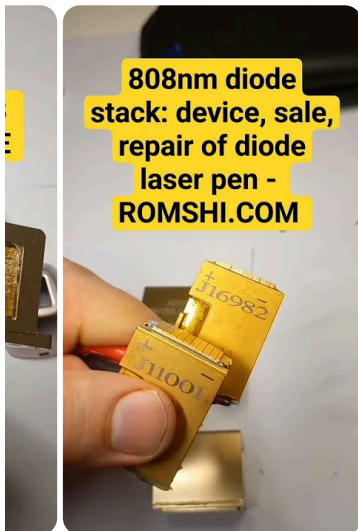


Вы

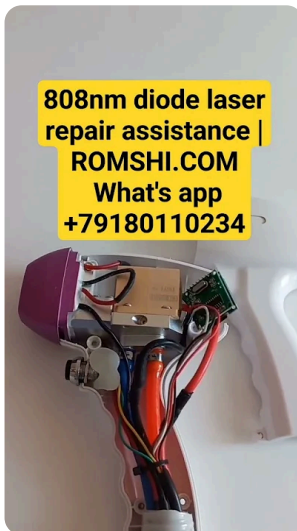


История

Старые



laser diode stack 808nm : device, visually the differen...  
170 просмотров



Diode Laser Stacks - Vertical and Horizontal  
55 просмотров



Repair, restoration of diode laser handle , repair cosmet...  
47 просмотров



laser diode stack 808nm / Cosmetic Laser Maintenanc...  
89 просмотров



laser # supplik  
144 пр



# Diode laser stack 808nm



@diodelaserstack · 25 подписчиков · 44 видео

WWW.ROMSHI.COM | +79180110234 | Production of aesthetic devices | Repairs laser diod... >

romshi.com





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Войти



Главная

Короткие видео

Плейлисты

Сообщество



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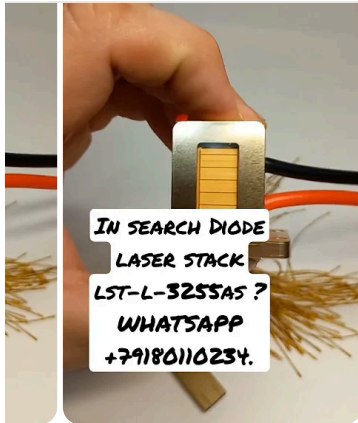
Подписки



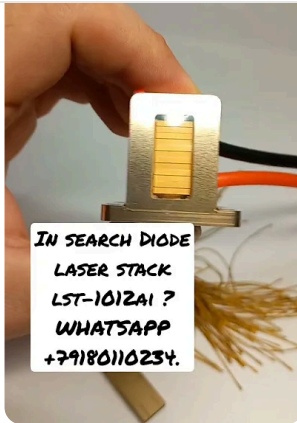
Вы



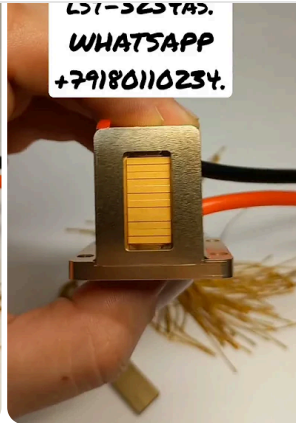
История



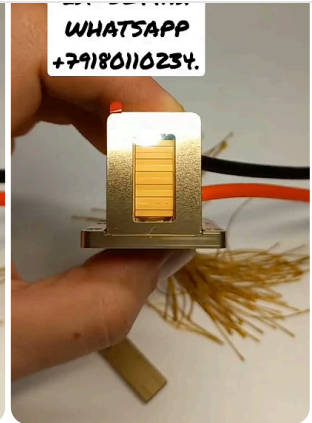
Diode laser stack lst-l-3255as  
34 просмотра



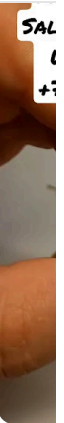
Diode laser stack lst-1012ai  
6 просмотров



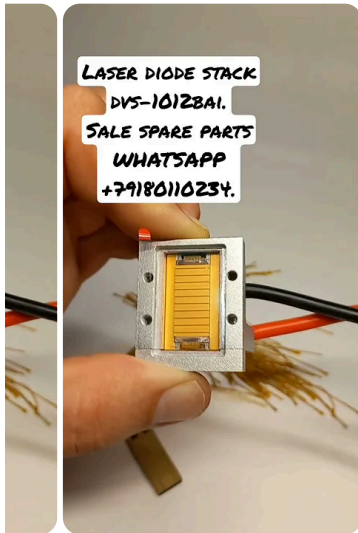
Diode laser stack lst-3334as  
8 просмотров



Diode laser stack lst-3244as  
1015 просмотров



Laser diode stack  
34 просмотра



Laser diode stack dvs-1012bai  
21 просмотр



Laser diode stack dvs-l-1010bai  
86 просмотров



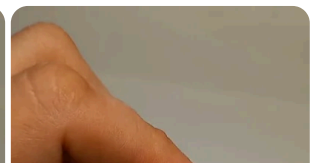
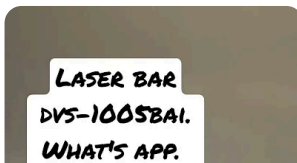
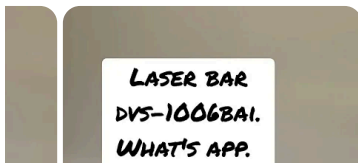
Laser diode stack dvs-1012bai  
17 просмотров



1. sửa chữa laser tẩy lông  
thẩm mỹ2. Dịch vụ sửa chữa...  
128 просмотров



cập nhật laser tẩy lông  
333 просмотра



# Diode laser stack 808nm

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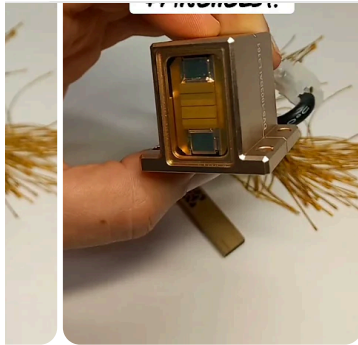
Подписки



Вы



История



Diode laser stack Ist-1012ai power 600 watt, spare parts...  
17 просмотров



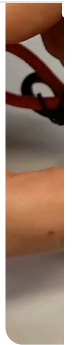
Diode laser stack dvs-1010ai power 500 wat, spare parts...  
5 просмотров



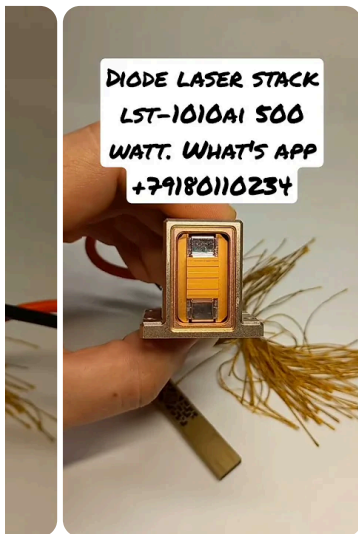
Diode laser stack dvs-1006ai power 300 wat, spare parts...  
23 просмотра



Diode laser stack Ist-1005ai power 250 watt, spare parts...  
65 просмотров



Laser stack power WATT...  
11 просмотров



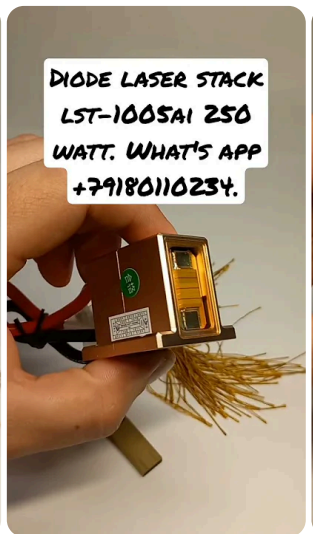
Diode laser stack Ist-1010ai 500 watt, spare parts for las...  
36 просмотров



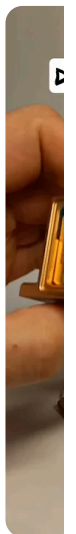
Diode laser stack Ist-1007ai power 350 wat, spare parts...  
20 просмотров



Diode laser stack Ist-1006ai power 300 wat, spare parts...  
22 просмотра



Diode laser stack Ist-1005ai power 250 watt, spare parts...  
16 просмотров



Diode laser stack power...  
81 просмотров

