

TRIMION AFRICA™

808NM DIODE LASER + PICOSECOND SYSTEM TRAINING PREPARATION PACK

Professional-use operation guide, setup checklist, probe guide, starter settings and safety preparation

Important: This pack is for professional training preparation only. Settings below are conservative starter references and must be adjusted according to skin type, hair type, treatment area, client sensitivity, machine response, and formal training. Always perform a patch test first. Laser protective eyewear is mandatory.

Client Preparation Message

Hi, your TRIMION AFRICA™ laser system training preparation pack is attached. Please review it before training. Have the machine on a stable surface, clean water ready for the tank, protective eyewear available, a stable plug point, clean towels, and enough space around the machine. Please do not operate the laser or picosecond functions before training. We will go through startup, water circulation, interface controls, probe/handle use, safe settings, treatment preparation, and aftercare guidance together.

Pre-Training Setup Checklist

| Item | Preparation Required |
|-------------------|---|
| Machine placement | Stable, flat surface with space around the unit for ventilation. |
| Water system | Fill tank with clean water. Confirm visible water circulation before laser operation. |
| Power | Use a stable grounded 220V plug point. Avoid overloaded multi-plugs. |
| Emergency stop | Emergency stop button must be raised/released before operation. |
| Eyewear | Operator and client eye protection must be available before any laser firing. |
| Treatment area | No mirrors, reflective jewelry, alcohol, perfumes, or flammable liquids nearby. |
| Consumables | Clean towels, gloves, wipes, disposable razors for hair removal prep, and client notes sheet. |
| Training rule | Do not operate treatment modes before guided training and patch testing. |

Probe / Handle Guide - What Each Part Is For

| Part | Purpose | Common Use | Important Note |
|----------------------------|---|---|--|
| 808nm diode laser handle | Main hair reduction handle. | Hair reduction on approved body areas. Some machines include a skin cooling system. | Click every 2-3mm from the eye. |
| 808 flash mode | Fast preset style operation. | Larger areas such as legs, arms, back, chest, and upper back. | Use only on appropriate skin type and area are selected. Start conservatively. |
| 808 professional mode | Manual control mode. | Advanced operator use where frequency, pulse width, and energy are adjustable. | Best for training and emergency adjustments. |
| 808 skin rejuvenation mode | Lower intensity rejuvenation support. | Prep, appearance, tone, and skin refinement. | Use on sensitive areas and never treat eyelids. |
| Picosecond 1064nm | Deep pigment/tattoo mode reference. | Dark pigment appearance and dark tattoo in professional use only. | Professional use only. Eye protection mandatory. |
| Picosecond 532nm | Superficial pigment/red-toned tattoo reference. | Superficial pigment and selected warm tattoo. | Higher reaction risk. Start conservatively. |
| Picosecond 755nm optional | Honeycomb/carbon peel or selected skin rejuvenation and selected pigment removal. | Spigme rejuvenation and selected pigment removal. | Only if the machine includes the correct handpiece/tip. |
| Cooling system | Water + air + radiator cooling. | Protects laser system and client comfort. | Do not operate if flow/temperature is abnormal. |

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808nm Diode Laser - Starter Settings By Body Area

Use these as starting references only. The original interface shows adjustable laser power/energy, pulse width and frequency. Always begin lower, patch test, check client comfort, and gradually increase only if appropriate.

| Area | Hair/Use | Energy | Frequency | Pulse Width | Use Notes |
|------------------------|-----------------------|-------------|-----------|-------------|--|
| Face / upper lip | Fine facial hair | Level 6-10 | 1-2Hz | 20-60ms | Short strokes. Avoid eyelids and eyebrows. Strong cooling. |
| Chin / jawline | Coarser facial hair | Level 8-12 | 1-2Hz | 40-80ms | Patch test. Avoid active acne, cuts, and irritation. |
| Underarms | Dense/coarse hair | Level 10-15 | 2-3Hz | 60-120ms | Small sections, 1-2 passes. Keep cooling active. |
| Arms | Medium hair | Level 10-16 | 2-4Hz | 80-150ms | Continuous glide, avoid tattoos and moles. |
| Legs | Medium/coarse hair | Level 14-22 | 3-5Hz | 100-250ms | Large area glide. Watch heat build-up. |
| Bikini line | Coarse/sensitive area | Level 8-14 | 1-3Hz | 80-160ms | Conservative settings. Never treat mucosal areas. |
| Back / chest | Coarse hair | Level 12-20 | 2-4Hz | 80-180ms | Check skin reaction frequently. |
| Skin rejuvenation mode | Tone/texture support | Level 5-10 | 1-2Hz | 20-80ms | Do not use near eyes. Avoid inflamed skin. |

Skin Type Adjustment Guide

| Skin Condition | Approach | Instruction |
|-------------------------------|--|--|
| Very fair / fair | May tolerate moderate levels after patch test. | Start middle-low. Increase slowly. |
| Medium / olive | Use moderate conservative levels. | Avoid tanned or recently sun-exposed skin. |
| Dark skin tones | Higher caution required. | Start low, longer pulse width, fewer passes. Professional experience only. |
| Tanned / sunburnt / irritated | Do not treat. | Wait until skin is fully settled. |

Picosecond Laser - Mode Guide

| Mode | What It Is For | Starter Reference | Caution |
|----------------|--|--|---|
| 1064nm | Darker pigment appearance and dark tattoo ink support. | Low to moderate energy, 1-3Hz starter reference. | Use only after training. Avoid eyes. Watch for white spots. |
| 532nm | More superficial pigment and selected warm/red tattoos only. | Low energy, 1-2Hz starter reference. | Higher surface reaction risk. Conservative use only. |
| 755nm optional | Honeycomb / rejuvenation or selected pigment removal only. | Low energy, 1-2Hz starter reference. | Only use if correct tip/attachment is included. |

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How To Use - Training Flow

| Step | Action |
|-------------------|---|
| 1. Inspect | Check machine body, handles, cable condition, water tank, and emergency stop. |
| 2. Fill water | Fill tank with clean water. Do not operate until water circulation is confirmed. |
| 3. Power on | Use stable grounded power. Listen for water circulation and check flow/temperature display. |
| 4. Select mode | Choose 808 hair removal, 808 skin rejuvenation, or picosecond mode according to training objective. |
| 5. Set low values | Start lower than target range. Patch test first. |
| 6. Prepare | Press prepare/ready only when eyewear is on and treatment area is ready. |
| 7. Treat | Glide evenly for 808. Use controlled shots for picosecond. Do not hold laser in one place. |
| 8. Monitor | Check heat, redness, discomfort, cooling and handpiece temperature continuously. |
| 9. Aftercare | Cool area if needed. Avoid heat, sun exposure, exfoliation, and harsh products immediately after. |

Do Not Treat / Contraindication Checklist

Do not treat over eyes, eyelids, eyebrows, tattoos during hair removal, open wounds, active infections, suspicious lesions, irritated skin, recent sunburn, fresh chemical peels, or areas with reflective jewelry. Avoid treatment if the client has unsafe medication/photosensitivity history, uncontrolled skin conditions, pregnancy-related restrictions, or any medical uncertainty. Refer to a qualified healthcare professional where needed.

Aftercare Message For Client

After treatment, avoid direct sun exposure, hot baths, saunas, steam, exfoliation, harsh active skincare, and heavy friction for 24-48 hours. Use gentle skincare and sun protection where needed. Report unusual blistering, excessive discomfort, or unexpected reaction immediately.

TRIMION AFRICA™ Support Details

WhatsApp: 061 118 5978

Training Support: Included where applicable

Manuals: PDF operational guidance included

Delivery: Nationwide and worldwide assistance available

Professional-use systems only.

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Original Interface Images From Supplied Manual

The following pages are rendered from the original supplied operating instruction PDF for visual reference during training.

Original Manual Reference Page 1

808nm + Laser Operating instructions

1. Scope of application of the picosecond laser:

- 1, all kinds of spots, such as: chloasma, freckles, senile spots, sunburn, plateau spots, etc.;
- 2, pigmented lesions; 3, skin tightening and remove wrinkles; 4, remove tattoos; 5, whitening and tender skin;

2. 808 Scope of application of semiconductor laser

permanent hair ator:

1. Hair removal: suitable for the permanent removal of excess hair in all skin types;
- 2, skin rejuvenation: shrink pores, tender white skin, and tighten the skin;

3. warn

- 1,808 is equipped with precision laser optical system, the handling process must be used in the original factory lift
The shock absorption packaging may lead to the imbalance of the laser system, affecting the laser output energy.
2. After starting up, please unscrew the water injection lid to observe the water circulation (see the water flow). If the water circulation is not good, the whole machine will be scrapped.
3. During the operation, the treatment handle should not be overheated. If the operation time is too long and the gun body is warm, stop immediately for heat dissipation, otherwise the whole machine will be scrapped.
- 4, the operating handle shell of this product is installed with precision and fragile laser parts, and strictly prevent falling when placed and used!

4. FS

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Skin Rejuvenation

graph 1

1. 800 function entrance, click to enter 808 to select the operation interface (Figure 2); 2
- , Picosecond function entrance, click to enter the picosecond mode operation interface (Figure 6); 3
- , Background setting button, click to enter the password authentication interface;

5. 808 Mode selection

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graph 2

1. At the flash function entrance, click to enter the flash operation interface;
- 2, professional function entrance, click to enter the professional operation interface;
- 3, skin rejuvenation function entrance, click to enter the skin rejuvenation operation interface;
5. Return to the button and click to re-enter the function selection interface;

Picosecond technical parameters:

Name: Handheld picosecond

Laser power: 500W

Laser frequency: 1-10P / S adjustable

Laser wavelength: 1064nm, 532nm (honeycomb 755nm optional)

Laser pulse voltage: 600V- 950V

Output voltage: mains 220V / 50 HZ / 60 HZ

Energy density: laser: 10- 70J / CM²

Cooling mode: air cooling, water cooling, radiator

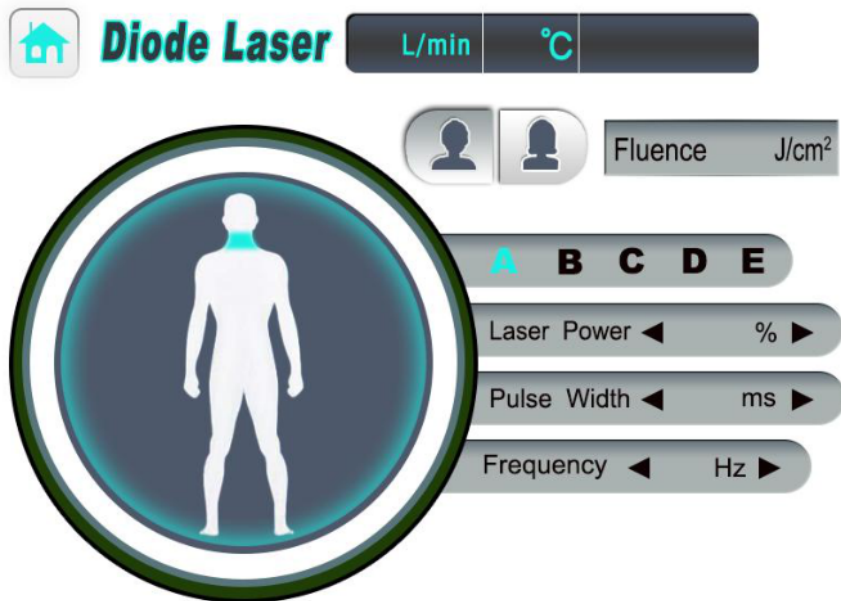
808 Technical Parameters:

Original Manual Reference Page 3

Laser type: semiconductor laser
Laser wavelength: 808nm

Energy density: 2-60J / cm²
Laser output power: 300W
Pulse width: 20-400ms
Working Frequency: 1-10 HZ
Spot size: 1,315mm
Output mode: pulse emission
Output power: 350W
Cooling mode: water cooling + air cooling + radiator

Six, 808 flash mob operation

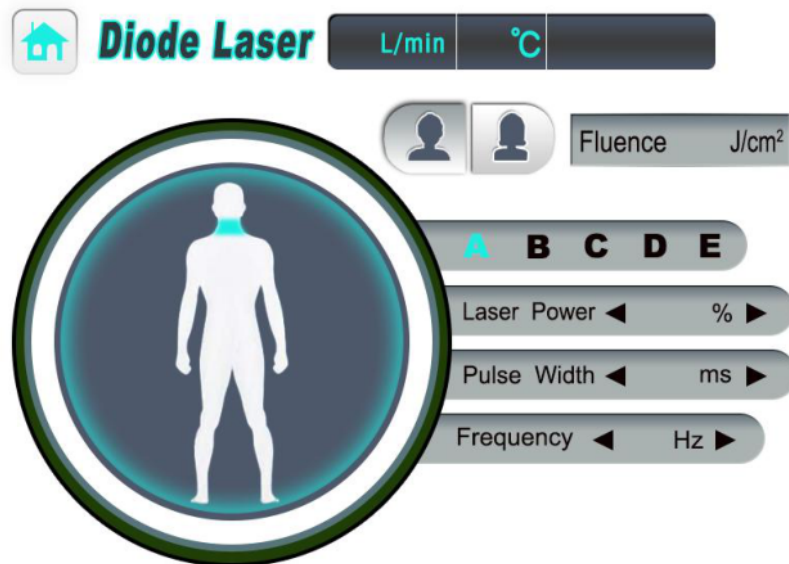


graph 3

1. Return to the button and click back to the 808 mode selection interface (Figure 2);
- 2, the current flow display, the unit is up per minute;
- 3, the current temperature display, in degrees Celsius;
4. The number of light out of the handle currently entering this mode;
- 5, Refrigeration button, default open;
6. Customer gender selection, selection according to the gender of customers;
7. Customers' body parts selection, namely face, chest, hands, feet, etc. ;

- 8, customer skin color choice, from shallow to deep;
9. Display the corresponding gender, body and skin color according to different Settings;
- 10, handle light energy adjustment, adjustment range 1-30;
 11. Prepare button, click into the preparation state, press the handle button to emit light; release the handle button, that is Stop the light;

Seven, 808 professional operation



graph 4

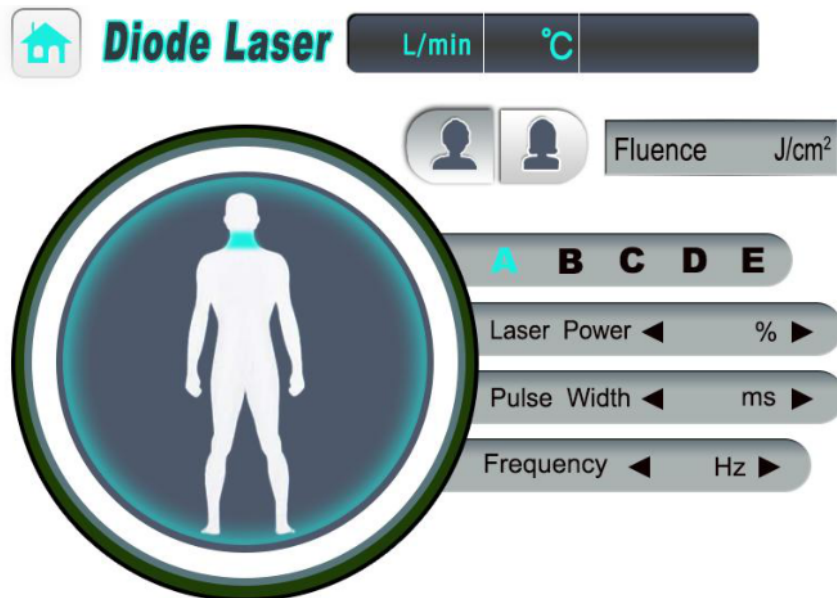
1. Return to the button and click back to the 808 mode selection interface (Figure 2);
- 2, the current flow display, the unit is up per minute;
- 3, the current temperature display, in degrees Celsius;
4. The number of light out of the handle currently entering this mode;
- 5, Refrigeration button, default open;
6. Customer gender selection, selection according to the gender of customers;

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7. Customers' body parts selection, namely face, chest, hands, feet, etc.;

- 8, customer skin color choice, from shallow to deep;
9. Display the corresponding gender, body and skin color according to different Settings;
10. Adjust the handle light out frequency, and the adjustment range is 1-5;
- 11, the handle out of the light pulse width adjustment;
- 12, handle light energy adjustment, adjustment range 1-30;
13. Prepare button, click into the preparation state, press the handle button to give light; release the handle button, that is Stop the light;

Eight, 808 skin rejuvenation operation

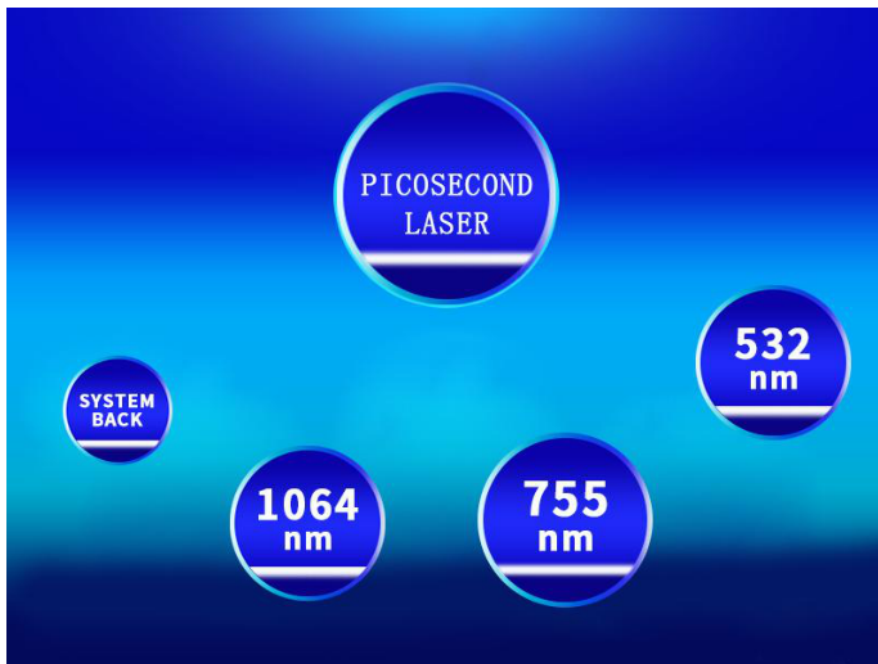


graph 5

1. Return to the button and click back to the 808 mode selection interface (Figure 2);
- 2, the current flow display, the unit is up per minute;
- 3, the current temperature display, in degrees Celsius;
4. The number of light out of the handle currently entering this mode;
- 5, Refrigeration button, default open;

6. Customer gender selection, selection according to the gender of customers;
7. Customers' body parts selection, namely face, chest, hands, feet, etc.;
8. customer skin color choice, from shallow to deep;
9. Display the corresponding gender, body and skin color according to different Settings;
10. handle light energy adjustment, adjustment range 1-30;
 11. Prepare button, click into the preparation state, press the handle button to emit light; release the handle button, that is Stop the light;

Nine, picosecond mode



graph 6

1. Return to the button and click to re-enter the function selection interface (Figure 1);

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2. 1064 mode button, click to enter the picosecond 1064 mode operation interface;
3. 755 mode button, click to enter the picosecond 755 mode operation interface;
4. 532 mode button, click to enter the picosecond 532 mode operation interface;

Ten, picosecond operation



graph 7

- 1, picosecond light energy adjustment, first click the area to select, press (4) up and down the adjustment button to adjust;
 2. Picosecond light frequency adjustment, first click the area to select, press (4) up and down adjustment button to adjust;
 - 3, picosecond light spot adjustment, first click the area to select, press (4) up and down adjustment button adjustment; 4,
- The above corresponding adjustment button;
5. Return to the button and click to return to the picosecond mode interface again (Figure 6);
 6. The number of light outs of the handle currently entering this mode;
 - 7, the screen brightness adjustment;
 8. Current flow rate and temperature display;
 9. Prepare button, click into the preparation state, press the handle button to get light; release the handle button, namely
Stop the light;

Xi. Preparation for use

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First of all, with a small funnel to the tank with clean water (not necessarily distilled water or pure water, because 808 with water filtration system) when adding water pay attention to observe whether the overflow water overflow, water overflow proves that the tank is full can be positive

Often work:

- 1, then boot, at this time the machine is electrified, and hear the normal sound of the water circulation. The red emergency stop button must be in the raised position;
2. At this time, please observe whether there is water injection in the instrument water tank from the water outlet or water injection mouth, and determine the normal laser hair removal / skin rejuvenation;

Xii. Safety precautions

1. Electrical safety

- (1) 808 + Laser single-phase 220V power supply is not greater than 3A;
- (2) The 808 + Laser connected power supply must use the single-phase three-line battery socket of 10A;
- (3) 808 + Laser operation time memory has high voltage, after the power supply is turned off, the high voltage device may still have residual voltage, open the protective cover of the chassis at will may have high voltage shock danger!

2. Safety of handling

- (1) The 808 + Laser handle shell is equipped with precision laser optical system, and the shock absorption package provided by the original factory must be used to drain the water. Otherwise, it may lead to the imbalance of the laser system and affect the laser output energy.

3. System safety device

To ensure the safety of use, the 808 + Laser is designed with the following safety protection devices:

- (1) Standby / preparation control: the laser output is prohibited in the standby state, which is the safe state of the system;
- (2) Keyswitch: operator qualification limit.

4. Laser safety

- (1) 808 + Laser belongs to 4 types of laser products according to the laser radiation safety classification;
- (2) The laser is a visible laser beam, which has wavelengths of 1064nm, 532nm and 755nm, and the operator should wear special protective goggles with a wavelength range of 200-1080nm;
- (3) The laser window is located at the end of the pistol head aiming, and should avoid the radiation from the laser emitted from this window. (4) Never look directly at the end port of the pistol head and any reflected laser beam;
- (5) Easy and explosive narcotic drugs, liquids, gases such as alcohol, ether, oxygen, etc., should be far away from the laser radiation area, and have protective measures;
- (6) Metal instruments can cause laser reflection, the operator should avoid direct irradiation on these instruments, try not to use reflective instruments;
- (7) Operation should avoid taking watches, necklaces, bracelet bracelets and other reflective laser ornaments;
- (8) Patients must be provided with strict and effective eye protection. Such as with gauze cover, eyelid plate, eye mask, etc.

The operator applied gauze to cover the operator's eyeball. When washing eyeliner, eyeliner washing surgery must be performed skillfully according to the training method of our company. With eyelid plate and eye protection for easy operation, the operator should have clinical experience in ophthalmology. When using the above devices, must be strictly done disinfection. Otherwise, improper eye protection will cause great discomfort to the operator. Mild cause corneal inflammation, serious cause corneal shedding, and even blindness;

(9) It is strictly prohibited to use laser to other places except for treatment, laser targeting. The end exit of the pistol head must point to a safe place when moved during treatment and placed after treatment;

(10) The laser radiation warning sign should be affixed with the entrance of the laser treatment room, and irrelevant personnel are prohibited to enter and exit at will during the laser use;

(11) It is recommended that you be equipped with a special laser operation room indoor no use of any reflective equipment, indoor equipped with air conditioning, cooling machine and other equipment. Laser operation shall be divided into operator and operator designated areas, and preoperative operation shall be posted in the room

matters need attention;

(12) Note: large spots correspond to small energy density, small spots correspond to large energy density energy density = energy size / spot area.

5. Keep your eyes safe

(1) The operator in the laser operation area must wear protective glasses and provide strict eye protection for the operator;

(2) The operator in the operation area shall wear specialized laser protective goggles with an appropriate wavelength of 200-1080nm;

(3) The laser protective lens can not completely protect the direct laser or the laser reflected by glass, reflection mirror and smooth metal surface, so it is strictly prohibited to wear a protective lens to look directly at the above direct laser and reflected light;

(4) Cover with gauze, wearing protective eye mask, eyelid lid shielding are effective to protect the eyes of the operator; (5)

Please turn off the instrument when debugging the laser or wiping the laser lens.

Thirteen, after-sales problems

1, the instrument warranty period of time is one year, lifelong maintenance;

2, if the warranty is not within the scope of the failure (such as human factors) caused by the instrument is still in the warranty period, then only the relevant costs can be charged;

3. If the buyer needs to send the whole machine back to the factory during the warranty, the round-trip expenses shall be borne by the buyer;

If the instrument after the warranty period needs to replace other parts or upgrade, can be charged according to the relevant accessories price.

The Company reserves the right of final interpretation of the said information