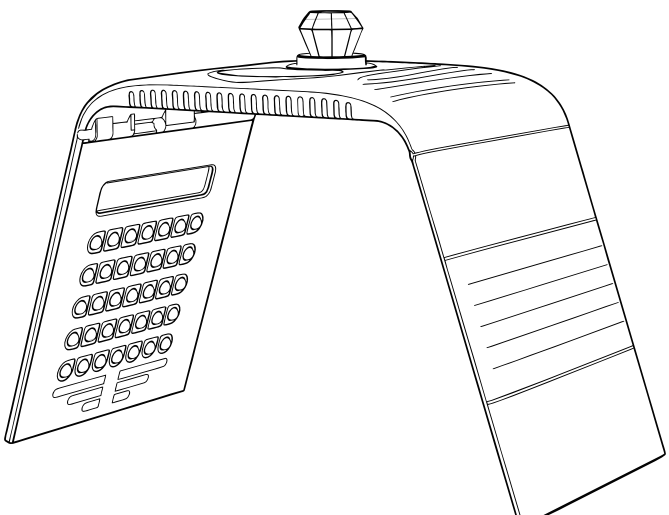
# 折叠七色光谱仪

<使用说明书>



为了能正确使用本产品，请仔细阅读说明书，
阅读后请妥善保管本说明书。

# 安全注意事项

**使用前必须阅读操作说明书， 并且正确使用。**

使用者说明书中不仅有本器械的使用说明还包含为了安全的注意事项，保管及产品保修信息。为了安全在使用本器械前请确认以下所有安全信息及启动指南后使用。对因为不遵守上条而发生的人员伤害及物质上的损失一律不负责。

## 一般注意事项

使用器械前必须检验要使用的本体及LED模块。
本器械需避免高温、湿度较大以及有直射光的地方,设置在通风较好的室内。
— 启动时建议温度:0~26℃
— 保管时建议温度:0~35℃
— 相对湿度:80%以下
请设置在避免光线直射通风较好的室内。
请在较平的地方维持水平的情况下安装。
本器械在微弱的冲击下也可能带来重大的损伤所以不要施加外部冲击，搬运时务必要注意慢慢移动。

## 有关电源危害的注意事项

器械启动时禁止与其他传热产品同时使用。
请注意不要有水进入到器械中,由于湿气形成的高压电流可导致火灾或者触电。
请不要使用破损的电源插头或松弛的插座。
长时间未使用时拔掉电源插头,并清扫后保管。否者可能导致触电、漏电、火灾。
产品在进水或者有异样的声音、烤焦的味道、烟等器械有异常的时候请及时拔掉电源并联系服务中心。

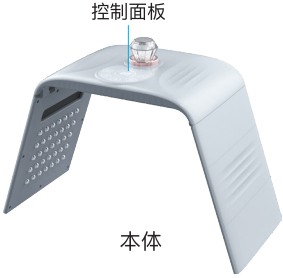
## 禁忌事项

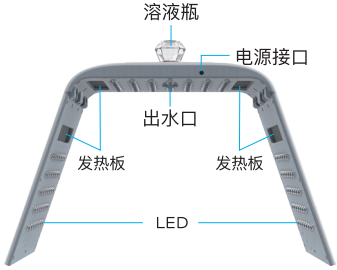
即使不属于以下注意事项但是操作者如有指示的话请不要使用。
— 心脏病、精神疾病、高血压患者
— 患有皮肤病时(传染性)
— 有类似皮肤炎症疾病时

## 规定事项

使用者必须在熟知使用者说明书后使用器械。
使用没有被认可的装饰物时可能诱发器械出故障，由此造成的损伤时，不进行无偿服务，所以请使用正版饰品。
请不要擅自分解或者改造维修器械。由于擅自分解/修理引起的问题不进行补偿。

# 产品构成



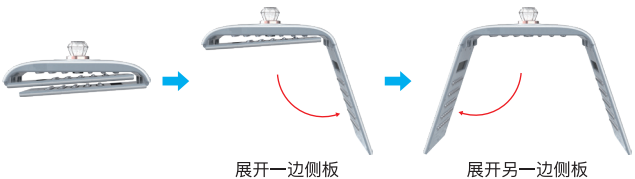


适配器


眼罩

## 产品设置

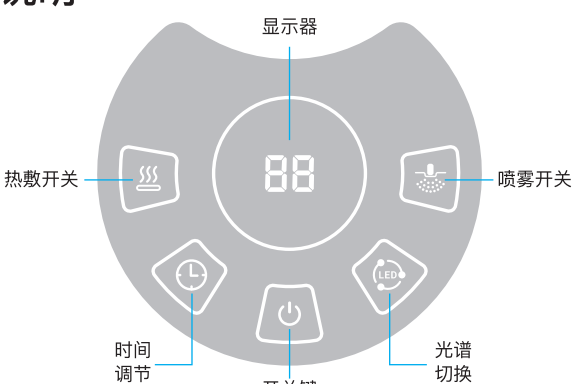
1.安装前需考虑器械的位置及空间并且与发热器械和其他医疗器械的保持一段距离的情况下安装。
2.避免直射光线和湿度较高的地方，安装在通风较好并且能维持适合的温度和湿度的地方。




## 安装

1).打开包装，轻轻取出仪器主体，将仪器两侧展开，并放于稳固的平面上。
2).取出适配器电源，将DC端子插入到仪器的DC连接头，并确保端子连接稳固。
3).将电源适配器的AC插头插入市电插座，此时电源接通，仪器进入待机状态。
4).未开机的状态下，本机面板上的时间显示文字为不可见状态。

# 使用说明



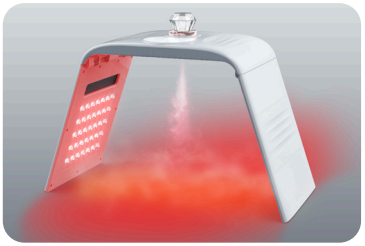
## 开关键

上电后进入“待机状态；短按此按键进入“开机状态”，指示灯亮并显示30分钟默认时间；
再按一下，退出开机状态并返回待机状态。
注：开机时，短按一次，将关机，再短按一次为重新启动。

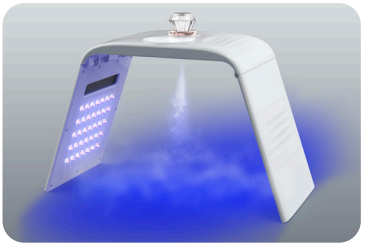
## 光谱切换

开机后，短按此键进入光谱模式，共有8种模式切换，当显示器显示00时为待机状态。

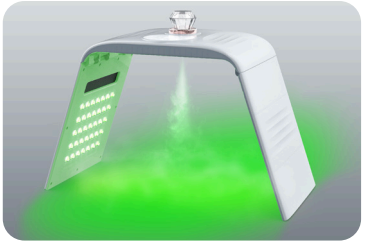
1).红光模式，显示器显示01
2).蓝光模式，显示器显示02
3).绿光模式，显示器显示03
4).黄光模式，显示器显示04
5).橙光模式，显示器显示05
6).紫光模式，显示器显示06
7).青光模式，显示器显示07
8).循环光模式，显示器显示08



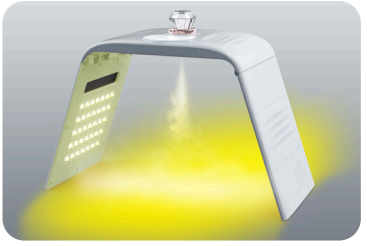
1.红光(波长647–760nm)



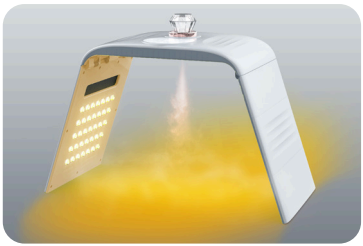
2.蓝光(波长430–455nm)



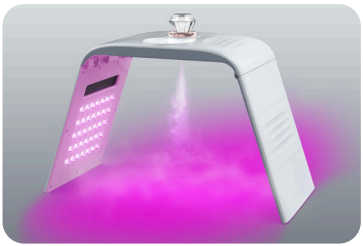
3.绿光(波长492–550nm)



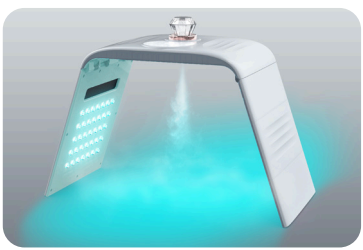
4.黄光(波长550–580nm)



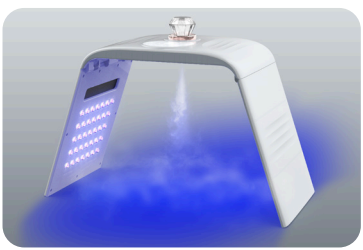
5.橙光(波长588–647nm)



6.紫光(波长360–430nm)



7.青光(波长480–490nm)



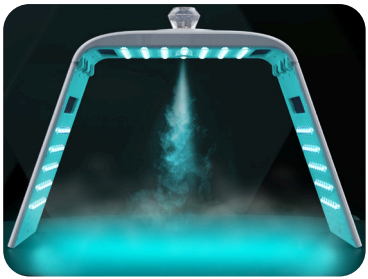
8.循环光

## 时间调节

开机默认为30分钟工作时间。按此按键，时间以5分钟一个单位递增，可以连续增加时间，最高为60分钟；若继续按此按键会跳到00分钟工作时间。时间调节范围00–60分钟，如无任何按键操作，则3秒后仪器自动退出设置状态并以当前设定的工作时间开始工作。
注：当时间为00时，仪器停止工作。

## 喷雾开关

开机默认为关闭状态。按此按键，开启喷雾功能，共有3个档位选择(01为最低档，03为最高档)。
注：当显示器为00时，关闭喷雾功能。



## 超声波细微喷雾

利用超声波产生纳米单位的喷雾，微小的水粒子渗入皮肤深处，补水吸收速度更快；建议用稀释后产品或纯净水，严禁使用其他高浓度化妆水或者香精油混合使用；搭配面膜使用效果更佳。

## 热敷开关

开机默认为关闭状态。按此按键，开启热敷模式，显示器显示01，默认温度为45℃。
注：当显示器为00时，关闭热敷模式。



## 热敷模式

热敷，是理疗的一种方式，热敷疗法在软组织损伤疾病中占有重要的位置。通过对皮肤深层加温，打开毛孔更易吸收营养产品。每天二至三次，每次十五至二十分钟。

注：
使用热敷时，应随时检查局部皮肤的变化，若有不适，应立即停止。

# 使用时注意事项

1)禁止用眼睛直视本机发射的任何类型的光线，照射面部时，建议佩戴墨镜或遮光眼罩。

2)过敏性皮肤患者应谨慎的在隐蔽皮肤位置做小范围试验，未有过敏的情况下才可大面积使用。

3)使用本产品如出现不适，应立即停止使用即可恢复，再次使用时，应遵循短时间、多频次照射的原则，待到身体逐渐适应，再正常使用。

4)本机需放置在阴凉干燥通风和儿童不可以轻易触及的高处，禁止放置于阳光直射、潮湿、高温强酸强碱、强氧化剂、强粉尘的环境中。

5)禁止向仪器淋水；禁止使用带水的手操作本机。

6)使用本机请与其它电器保持一定的距离，远离强磁干扰和易燃易爆品（汽油、柴油、烟花爆竹等）。

7)清洁本机请使用拧干的湿毛巾轻轻擦拭，不可使用强酸强碱类化学试剂清洗，缝隙或台阶位置可用柔软的毛刷清扫。

8)禁止碰撞、摔打、抛掷、拍打本机，仪器上禁止放置任何物体（包含但不限于手机、银行卡/门禁卡等磁性卡）。

9)禁止将螺丝、金属丝等导电物体插入本机内部，以免造成烧毁、短路、火灾和触电。

10)未成年人和没有自主活动/感知/表达能力人士请在具有正常操作和感知能力人士的看护帮助下使用本机，或遵医嘱。

11)禁止使用非官方提供的配件，禁止对本机进行改装和自行拆卸，以上不在保修范围。

# 产品规格

| | |
|---|---|
| 产品名称 | 折叠七色光谱仪 |
| 产地 | 中国 |
| 电源 | DC12V 3A 50HZ/60HZ |
| 功率 | 约36W |
| 产品尺寸(长*宽*高) | 480×220×337 (mm) |
| 产品重量 | 1.3kg 士10% |

# 维护管理

1.用温柔的毛巾干净地擦拭控制器或本体。
2.长时间保管产品时切断电源后避免湿度较大的地方保管。
3.产品保管时保持折叠式支座收起后保管。



展开状态



折叠状态

注意:
使用者维护管理时必须切断器械电源后分离电源线。
在电源开启下清扫或者保管会导致器械异常的原因发生。

## 故障申请前需确认事项

1.安装前需考虑器械的位置及空间并且与发热器械和其他医疗器械的保持一段距离的情况下安装。
2.避免直射光线和湿度较高的地方，安装在通风较好并且能维持适合的温度和湿度的地方。

| 问题点 | 预估原因 | 确认事项 |
| --- | --- | --- |
| 电源异常 | 适配器接触不良 | 确认电源ON/OFF状态<br>确认适配器是否脱落 |
| 器械启动异常 | LED状态不良 | LED没点灯的情况下更换相应LED盘面<br>(联系购买代理店/服务中心交换LED) |
| | 执行器状态不良 | 联系购买代理店/服务中心 |

# 保修

## 无偿保修

1).购买产品1年以内的时间里正常使用状态下发生的故障均可接受无偿服务。
2).无偿保修只适用于器械本体。

## 无偿保修期限内保修除外的事项

在没有遵守本手册中明示的器械启动步骤及安全和管理事项的情况下无法享受无偿服务,并请着重注意以下事项:
1).拉扯适配器导致器械发生移动造成损伤时排除在无偿保修期限以外。
2).使用者在其他用途上使用器械或者改造,解体时排除在无偿保修期限以外。

## 有偿保修

1).购买器械1年后,实施有偿保修,即使在保修期以内由于消费者过失或其他自然灾害 (火灾、盐害水灾、冲击、地震、雷击等) 造成的器械受损实施有偿保修。
2).有偿保证事项如下：由于消费者擅自分解器械,改造或者因为使用上的不注意(进水,破损等)引起的器械受损。

## 注意事项

※本产品是经过严密的品质管理及检查过程之后制造出来的产品。

※无偿免费维修时，务必要提供本证书。

※消费者正常使用的范畴之下发生的故障，维修期限内厂家提供无偿维修服务。

※产品在维修期限内，但是不使用原装电源导致的故障，操作者不妥善使用的情况，任意拆卸仪器等，自行进行拆卸修理并改造内 部构造的情况，人为摔坏或者拍打导致的故障时，厂家有权不给维修及收取相关零部件费用。

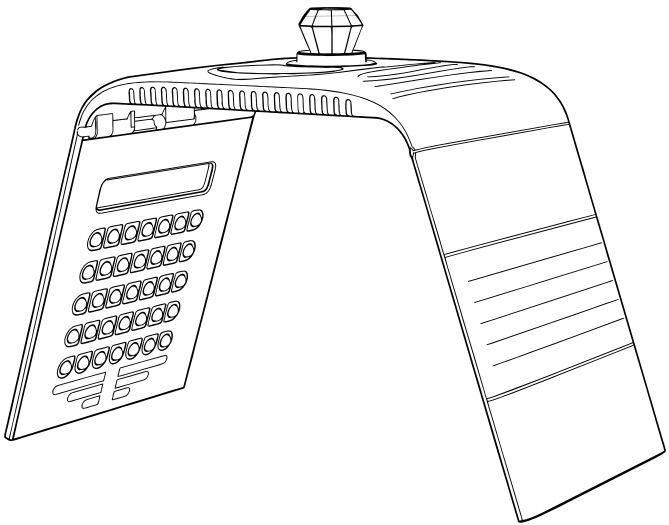
※产品保证书不会再次提供第二份，所以务必要妥善保管。

| 型号 | | 保修时间 | 1年 |
|---|---|---|---|
| 产品名称 | | | |
| 购买日期 | | | |
| 公司名称 | | | |
| 邮寄地址 | | | |
| 姓名 | | | |

Made in China

# Folding 7-color Spectrometer

<Instructions>



In order to use this product correctly,
please read the manual carefully and keep it safe after reading.

# Safety precautions

**Before use, it is necessary to read the operating manual and use it correctly.**

The user manual not only provides instructions for the use of this device, but also includes safety precautions, storage, and product warranty information. For safety reasons, please confirm all the following safety information and start-up instructions before using this device. We are not responsible for any personal injury or material loss caused by non-compliance with the above clause.

## General considerations

Before using the equipment, it is necessary to inspect the body and LED module to be used.
This device should be kept away from high temperatures, high humidity, and direct sunlight, and should be placed indoors with good ventilation.
- Recommended temperature during startup: 0-26 ℃
- Recommended temperature for storage: 0-35 ℃
- Relative humidity: below 80%

Please set it indoors with good ventilation and avoiding direct sunlight.
Please install while maintaining a level surface in a relatively flat area.
This device may also cause significant damage under weak impacts, so do not apply external impacts. Be sure to move it slowly during handling.

## Notes on the hazards of power supply

It is prohibited to use the device simultaneously with other heat transfer products during startup.
Please be careful not to let water enter the equipment, as the high voltage current formed by moisture can cause fire or electric shock.
Please do not use damaged power plugs or loose sockets.
When not in use for a long time, unplug the power plug and clean it before storing it. Otherwise, it may cause electric shock, leakage, and fire.
Please unplug the power and contact the service center in a timely manner when there is water ingress, abnormal sound, burnt smell, smoke or other abnormal equipment in the product.

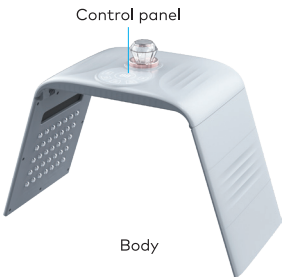
## Taboos

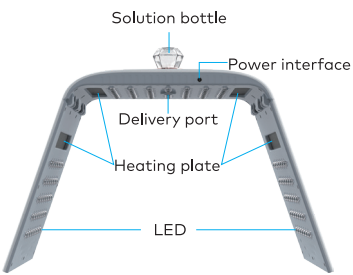
Even if it does not fall under the following precautions, please do not use it if instructed by the operator.
-Patients with heart disease, mental illness, and hypertension
-When suffering from skin diseases (infectious)
-When there is a disease similar to skin inflammation

## Regulatory matters

Users must be familiar with the user manual before using the device.
When using unapproved decorations, it may trigger device malfunctions, and any resulting damage will not be provided free of charge. Therefore, please use genuine accessories.
Please do not disassemble or modify maintenance equipment without authorization. Any issues caused by unauthorized disassembly/repair will not be compensated.

# Product composition





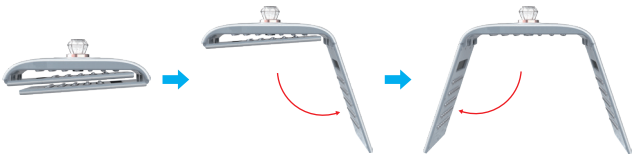

Adapter



Patch

## Product Settings

1.Before installation, it is necessary to consider the position and space of the equipment and maintain a certain distance from the heating equipment and other medical devices.
2. Avoid direct sunlight and high humidity, and install in a well ventilated area that can maintain suitable temperature and humidity.

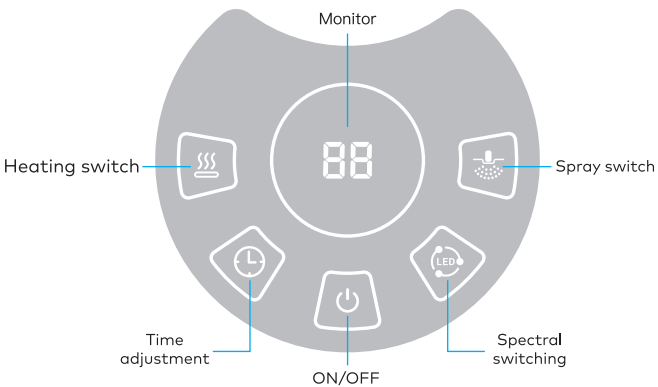


Unfold one side panel  Unfold the other side panel

## Install

1) Open the packaging, gently remove the instrument body, unfold both sides of the instrument, and place it on a stable surface.
2) Remove the adapter power supply, insert the DC terminal into the instrument's DC connector, and ensure that the terminal connection is secure.
3) Insert the AC plug of the power adapter into the mains socket. At this time, the power is turned on and the instrument enters standby mode.
4) When not turned on, the time display text on the local panel is invisible.

# Instructions for use



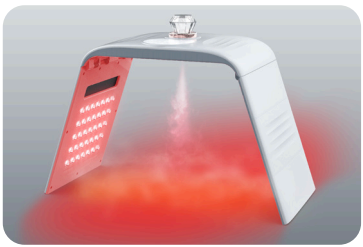
## ON/OFF

After powering on, enter "standby mode"; short press this button to enter "power on mode", the indicator light will light up and display the default time of 30 minutes;
Press again to exit the power on mode and return to standby mode.
Note: When turning on the device, short press once to turn it off, and short press again to restart.

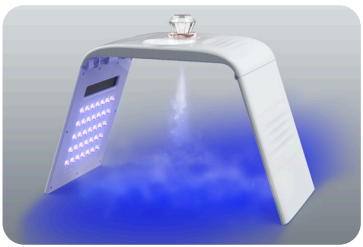
## Spectral switching

After turning on, short press this button to enter spectral mode, which has 8 modes to switch between. When the display shows 00, it is in standby mode.

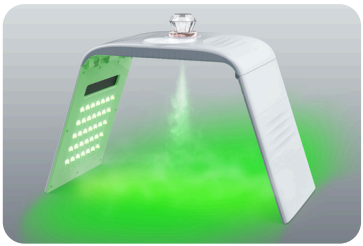
1) Red light mode, display 01 on the monitor
2) Blue light mode, display 02 on the monitor
3) Green light mode, display 03 on the monitor
4) Yellow light mode, display 04 on the monitor
5) Orange light mode, display 05 on the monitor
6) Purple light mode, display 06 on the monitor
7) Cyan light mode, display 07 on the monitor
8) Loop light mode, display 08 on the monitor



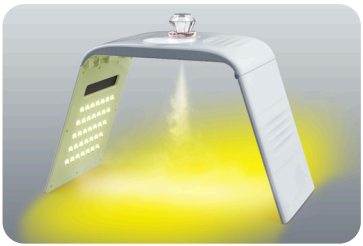
1. Red light (wavelengths 647-760nm)



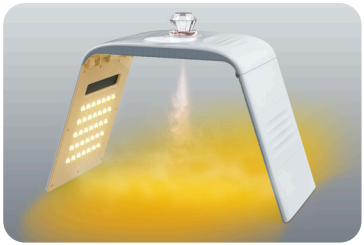
2. Blue light (wavelength 430-455nm)



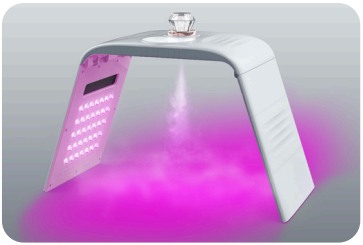
3. Green light (wavelengths 492-550nm)



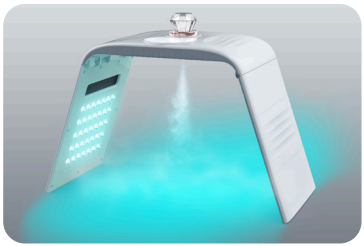
4. Yellow light (wavelength 550-580nm)



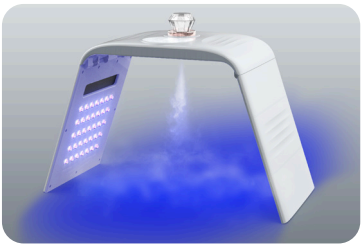
5. Orange light (wavelength 588-647nm)



6. Purple light (wavelength 360-430nm)



7. Cyan light (wavelength 480-490nm)



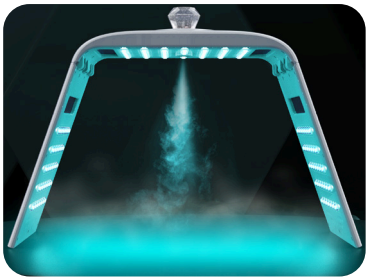
8. Circular light

## Time adjustment

The default startup time is 30 minutes. Press this button to increase the time in increments of 5 minutes, which can be continuously increased up to a maximum of 60 minutes; If you continue to press this button, it will jump to 00 minutes of working time. The time adjustment range is 00-60 minutes. If there is no button operation, the instrument will automatically exit the set state and start working at the current set working time after 3 seconds.
Note: When the time is 00, the instrument stops working.

## Spray switch

The default power on state is off. Press this button to start the spray function.
There are three gears to select (01 is the lowest gear, 03 is the highest gear).
Note: When the display is 00, turn off the spray function.



## Ultrasonic fine spray

Use ultrasound to generate nano unit spray, tiny water particles penetrate deep into the skin, and the absorption speed of water supplement is faster; It is recommended to use diluted products or purified water, and it is forbidden to use other high concentration make-up water or essence oil in combination; It is better to use it with facial mask.

## Heating switch

The default power on state is off. Press this button to activate the hot compress mode, and the display will show 01 with a default temperature of 45 ℃.
Note: When the display is 00, turn off the hot compress mode.



## Hot compress mode

Hot compress is a form of physical therapy, and it plays an important role in soft tissue injury diseases. By warming the skin deeply, opening pores makes it easier to absorb nutritional products. Two to three times a day, for fifteen to twenty minutes each time.

Note:
When using hot compress, the local skin should be checked for changes at all times. If there is any discomfort, it should be stopped immediately.

# Precautions during use

1) It is prohibited to directly look at any type of light emitted by this device with your eyes. When shining on the face, it is recommended to wear sunglasses or a blackout eye mask.

2) Patients with allergic skin should be cautious in conducting small-scale tests in concealed skin areas, and only use them on a large scale if there is no allergy.

3) If any discomfort occurs during the use of this product, it should be immediately stopped to recover. When using it again, the principle of short-term and frequent exposure should be followed. Wait until the body gradually adapts before using it normally.

4) This machine should be placed in a cool, dry, ventilated area that is not easily accessible to children. It is prohibited to place it in an environment with direct sunlight, humidity, high temperature, strong acid, strong alkali, strong oxidant, and strong dust.

5) Do not pour water onto the instrument; Do not use hands with water to operate this machine.

6) When using this device, please keep a certain distance from other electrical appliances, away from strong magnetic interference and flammable and explosive materials (gasoline, diesel, fireworks, etc.).

7) To clean this machine, please gently wipe it with a wrung out wet towel. Do not use strong acid or alkaline chemical reagents for cleaning. Soft brushes can be used to clean gaps or step positions.

8) Collisions, falls, throwing, and tapping of this device are prohibited, and any objects (including but not limited to mobile phones, bank cards/access cards, and other magnetic cards) are prohibited from being placed on the instrument.

9) It is prohibited to insert conductive objects such as screws and metal wires into the interior of this machine to avoid burning, short circuit, fire, and electric shock.

10) Minors and individuals without autonomous activity/perception/expression abilities should use this device with the care and assistance of a person with normal operation and perception abilities, or follow medical advice.

11) The use of unofficial accessories is prohibited, and modifications and self disassembly of this machine are prohibited. The above are not covered by the warranty.

# Product specifications

| | |
|---|---|
| Product name | Folding 7-color Spectrometer |
| Producer | China |
| Power supply | DC12V 3A 50HZ/60HZ |
| Power | About 36W |
| Product size | 480×220×337 (mm) |
| Product weight | 1.3kg ±10% |

# Maintenance

1. Clean the controller or body with a gentle towel.
2. When storing the product for a long time, cut off the power and avoid storing it in a place with high humidity.
3. When storing the product, keep the folding support folded up and store it.



Expand state



Folding state

Attention:
Users must cut off the power supply of the equipment and disconnect the power cord during maintenance and management.
Cleaning or storing the equipment while the power is turned on can lead to abnormal conditions.

## Matters to be confirmed before applying for faults

1.Before installation, it is necessary to consider the position and space of the equipment and maintain a certain distance from the heating equipment and other medical devices.
2. Avoid direct sunlight and high humidity, and install in a well ventilated area that can maintain suitable temperature and humidity.

| Problem points | Estimated reasons | Confirmation items |
|---|---|---|
| Abnormal power supply | Poor contact of adapter | Confirm power ON/OFF status<br>Confirm if the adapter is loose |
| Abnormal device startup | Poor LED status | Replace the corresponding LED panel when the LED is not lit(Contact purchasing agent/service center to exchange LED) |
| | Poor actuator status | Contact purchasing agent/service center |

# Maintenance

## Free warranty

1) Any malfunctions that occur during normal use within one year of purchasing the product are eligible for free service.
2) The free warranty only applies to the device body.

## Exclusions during the free warranty period

Without complying with the device startup steps, safety and management matters explicitly stated in this manual, you are unable to enjoy free services. Please advise
Pay close attention to the following:
1) When the adapter is pulled and causes damage to the device due to movement, it is excluded from the free warranty period.
2) The user's use of equipment or modification for other purposes is excluded from the free warranty period when disassembled.

## Paid warranty

1) After purchasing the equipment for one year, a paid warranty will be implemented, even if the equipment is damaged due to consumer negligence or other natural disasters (fire, salt flood, impact, earthquake, lightning, etc.) within the warranty period.
2) The paid guarantee items are as follows: damage to the device caused by consumer's unauthorized disassembly, modification, or careless use (water ingress, damage, etc.).

## Note

※This product is manufactured after a rigorous quality management and inspection process.

※When repairing for free, this certificate must be provided.

※If a malfunction occurs within the scope of normal consumer use, the manufacturer shall provide free repair services during the repair period.

※If the product is within the repair period but fails to use the original power supply, if the operator does not use it properly, if the instrument is dismantled, repaired, and the internal structure is modified on their own, or if the malfunction is caused by human damage or tapping, the manufacturer has the right not to provide repair and charge related component fees.

※The product guarantee letter will not be provided again, so it is essential to keep it properly.

| Model | | Warranty period | 1 year |
|---|---|---|---|
| Product name | | | |
| Purchasing date | | | |
| Corporate name | | | |
| Mailing address | | | |
| Full name | | | |

Made in China