

# LED Bleaching System

## Manual

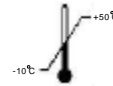
Please read the introduction carefully before using

# Contents

- 1. 【 Summarize 】 ----- 1
- 2. 【 Accommodation 】 ----- 1
- 3. 【 Specification 】 ----- 2
- 4. 【 Description of product structure and components 】 ----- 3
- 5. 【 The machine handling instruction 】 ----- 4
- 6. 【 Warnings and precautions 】 ----- 5
- 7. 【 Storge and transport 】 ----- 6
- 8. 【 Simple troubleshooting guide 】 ----- 7
- 9. 【 Packing list 】 ----- 8
- 10. 【 After-sale services 】 ----- 9
- 11. 【 Installation drawing 】 ----- 10
- 12. 【 Symbolic description 】 ----- 11



Storage conditions: Pressure: 50KPa-106KPa



Storage conditions: Temperature: -10 °C ~ +50 °C



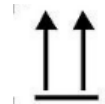
Storage conditions: Humidity: 0 % ~ 80 %



No rain/humid



Handle with care



Up

### 【Symbolic description】



Attention! Access to attachment paper



Date of manufacture



Just used indoor



Manufacturer

**IPX0** Common equipment



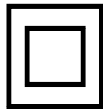
BF type application part



Product compliance WEEE instruction

**IPX1**

Anti dripping equipment



Class II equipment

### Summarize

1. Thank you very much for your favor to choose our product; We believe you're your choice will bring you good harvest and help in your business.
2. The Bleaching System which made by our company is the most advanced brand in China now. It is controlled by the microcomputer inside the machine, and it can catalyze the whiten pharmacy and cause a reaction exactly and effectively, and it will make the teeth whiten deeply. Its output blue light wavelength is 460 - 490nm, and it can irradiate all surfaces of the teeth effectively, so every tooth can be whiten. It is the key breakthroughs of the Clearing the teeth and the whiten technology in the dental area.
3. The LED ohas the function of automatic constant temperature When the user set the temperature.
4. Suitable for a variety of whitening kit on the market; If choose whitening gel provided by our company, the be whitening effect will be better.
5. **The operating method of whitening treatment, please refer to “ the technical Guide of whitening treatment”. the whitening effect after treatment is affected by the conditions and mainly depended on the quality of the bleaching system and whitening medical, the doctor's operation level of treatment and experience as well as the variability of the patient, please pay attention!**

### 【 Accommodation 】

The Bleaching System which made by our company is used for the department of stomatology in hospital, dental clinic, beauty parlor, school teaching , the unit or personal for whitening teeth, ect.

External causes of tooth color pigment Nien

- 1: External color of the pigment Nien teeth (smoke spot, coffee spot, tea spot and so on)
- 2: Internal pigment teeth, Tetracycline pigmentation teeth, dental fluorosis.
- 3: Hereditary xanthodont.
- 4: Dark and yellow teeth caused by unknown reasons

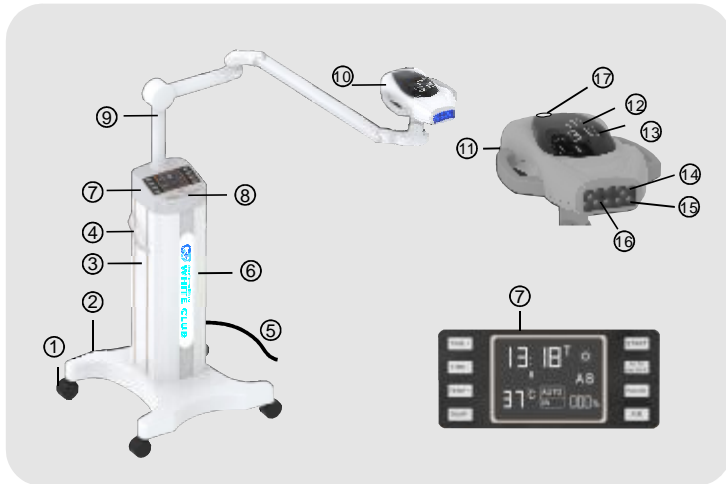


contraindication: There is no bad phenonmenon during the clinical use of the product

### 【Specification】

Dimension of frame	Height:480mm, Arm lenght: 900mm, Wide: 1200mm
Weight of machine	27Kg
Input voltage	AC100V~240V, 50/60Hz
Output voltage	DC18V
Power	60VA
Walvelength of blue light	400-460nm
Density of blue light	300- 400mw/cmm²
Whitening time	10-15 minutes for one time,two or three times for a treatment.

### 【Description of product structure and components】



### 【Installation drawing】



1. Install all 4 truckles into horse



2. Insert the body into the hole of horse.



3. Fix the body and the foot stool with the 2 strews inside package.



4. Install the connecting rod on the fuselage, screw the screws.



5. Connect the plug of the rotational arm and the connecting rod.



6. Install the rotation arm on the top of the connecting rod.



7. Connect the plug of the mainframe and rotational arm connecting rod.



8. Install the mainframe on the top of rotation arm.

## 【Packing list】

1. Main Frame-----	1	PCS
2. Rotation Arm-----	1	PCS
3. Pillar-----	2	PCS
4. Horse-----	1	PCS
5. Truckle-----	5	PCS
6. M10 Screw-----	1	PCS
7. Fixed discus-----	1	PCS
8. Φ60&Φ52 Decoration cup -----	1	PCS
9. M4 countersunk head-----	2	PCS
10. Rotational connector-----	1	PCS
11. M4 Allen key -----	1	PCS
12. M5 inside hexagon-----	2	PCS
13. Manual -----	1	PCS
14. Certificate-----	1	PCS
15. Warranty card-----	1	PCS
16. Protective tube -----	2	PCS
17. Blinker-----	2	PCS

## 【After-sale services】

Dear customers please read the manual carefully before using our products, and follow the instructions strictly when use them. Please be sure that you are using in the right way. If you have any problems or questions with the machine please contact our after-sale service department. local agency or distributors. We will try our best to help you. Thank you for your support.

## Components instruction:

- |                          |                          |                              |                 |
|--------------------------|--------------------------|------------------------------|-----------------|
| 1. Trickle               | 2. Shoring               | 3. Body                      | 4. Handle       |
| 5. Power Wire            | 6. LOGO                  | 7. Control display           | 8. Power switch |
| 9. Rotational arm        | 10. Main Frame           | 11. Main frame switch button |                 |
| 12. Temperature display  | 13. Time display         | 14. LED Lights (Group A)     |                 |
| 15. LED Lights (Group B) | 16. Temperature detector | 17. Sensor pause button      |                 |

### 【The machine handling instruction】

1. The bleaching system should be assembled before using. Please open the package, take out the parts from the package, throw away the protecting glue film, then follow the eleventh part 【The sketch map of installation】 in this instruction, assembled the equipment, and check whether all the connecting wires are connected all right

2. Put the attaching plug of the bleaching system into the power socket, and then open the power switch of the power box(ON), at the same time the screen of the machine will turn on, and it will show every parameter before closing the machine last time. AS picture 1:



Picture1

3. Press the button “TIME+-”, the showing time will flashing, then you can adjust time. It will increase or decrease 1 minute one time. the maximum range for the adjusting time is 30 minutes. Final turn “TIME+-” again in order to fix the setting.



Picture2

4. Press the button “TEMP+-”, the showing temperature will flashing, then you can adjust temperature. It will increase or decrease 1 °C one time. the maximum range for the adjusting time is 30-40°C . Final turn “TEMP+-” again in order to fix the setting.



Picture3

5. When you turn of the “AUTO” button, the power will flash, then adjust “TEMP+”, it will increase or decrease 10%. The rang of the output power from 10% to 100%.



Picture 4

6. Press the button “START”, the bleaching system will light, and at that time the bleaching system will work according to the setting demand, and the screen will show the left working time and temperature, If you open automatic constant temperature process, machine can work according to what you set temperature auto. The same funtion also as main frame.



Picture 5

7. Press the button of “AUTO(ON/OFF)”, the screen “AUTO” will flash, it can be on or off. When “AUTO” is on, can adjust temperature, when off, can adjust power.



Picture 6

8. The “PAUSE” button must work when the LED tube is bright. PAUSE is the pause button. Turn one time this button, whitening working pasue, turn again, start to work. The same



Picture 7

### [ Warnings and precautions ]

1. Avoid the blue light shooting at the people’s eyes directly, or the eyes will be injured seriously. When the bleaching system is working, Both of the patient and doctor must wear the protective glasses to protect the eyes.
2. When we adjust the place of the machine, we need to support the machine by one hand ,and support the upright stanchion by another, and then pull the bracket slowly to adjust the place of the machine, to prevent the bleaching system overturn, at the same time prevent the moving of the tripod.
3. The bleaching system should be sterilized before the treatment.
4. After using, we should close the electric power in time, it should avoid touching the hard thing or liquid.
5. If there is any problem in using the bleaching system, repairing without authorization is forbidden, or the bleaching system may not be guaranteed to keep in good repair.

### [ Storage and transport ]

1. In order to ensure the safety of the products, during the transporting and the process of moving, we must be careful, no heavy things squeeze outside the box, no exceed to five layers of the height, no liquid goes into the box is also very important for the goods’ keeping.
2. Store in -10 ℃ ~ 40 ℃, no corrosion, and keep in a clean, well-ventilated, and relative humidity of 30%---80% indoor environment.

### [ Simple troubleshooting guide ]

The sorts of the Fault	The reasons of the Fault	solutions
No display	Switch off	Turn of the switch
No output	Without setting the relevant parameters	Set the parameters properly
Low luminosity	Selected a single group of LED (only A or B)	Select both A and B
Low luminosity	Without setting 100% output power	Set 100% output power
Any other breakdown		Contact our after-sale department