

Advance 1500
Bleaching System
User Manual



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1. Safety

PLEASE NOTE

Prior to installation and start-up of the unit, carefully read the instructions provided herein

As with all technical devices, the proper function and safe operation of this unit depend on the user's compliance with the safety recommendations presented in these operating instructions.



CAUTION: It is important to observe the following precautions and procedures:

Do not shine the light directly onto or toward unprotected gingival or skin.



CAUTION: Persons with a history of photosensitivity or who are using photosensitizing drugs should not be exposed to light from this unit.



CAUTION: This equipment is not suitable for use in the presence of flammable anesthetic mixtures with air or nitrous oxide.



CAUTION: This bleaching unit contains 3 pieces of high power blue led and 4 pieces of UV led. Do not look directly at the light emitted from this bleaching unit.

2. Product Features:

- WHITENING set fitted with: “large whitening” illuminator, a base and flexible arm.
- Combination of high power BLUE led and UV led.
- Tunable bleaching time with microprocessor-controlled timer presets.
- Digital indicator with audio feedback.
- Quiet fan operation
- Smart auto-select power: 100 to 240 Volts AC.50/60 HZ for global use.
- High Speed Multi-Arch Teeth Whitening System.
- Small base size design, suitable use in dental clinic
- Easily to clean.
- High Uniformity of Light Output

3. Product Specifications:

- Broad Spectrum: 430nm ~ 490nm & 395nm ~ 415nm
- Light Output power: Up to 1200 mW/cm²
- 100/240 Volt, 50/60 Hz
- Weight: 1.805 Kg (3.9 lbs)
- L * W * H: 12.8 cm * 10.1 cm * 18.5 cm
- Max. Working Radius: 38 cm
- High Uniformity of Light Output:

Distance between Teeth and Illuminator(mm)	Uniformity (Point 1to Point 5)
1	Above 70%
3	Above 70%
5	Above 70%
10	Above 70%

Table (1)

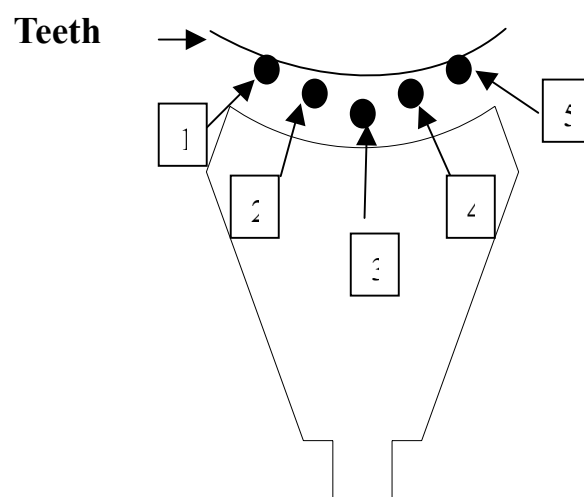


Fig (1)

4. Content:

Advance 1500	X1
Power Code	X1
User Manual	X1

Table(2)

5. Operation:

• Turn on the Advance 1500:

- a.) Plug in the “ Advance 1500 ”
- b.) Turn on the power switch

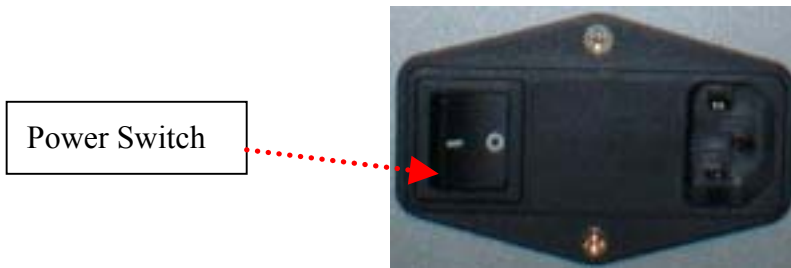


Fig (2)

• Operating the Advance 1500:

- a.) **Power** Button: Turn on/off the light by pressing the “**Power**” button.
- b.) **Pause** Button: Stop the time counting and emitting light by pressing the “**Pause**” button.
The remaining whitening time will sparkle on the “**Digital Indicator**”.
Press the “**Pause**” button again, light will emit and time will count continually.
- c.) **Setting** Button: Use “**Setting**” button to set whitening time.
1 minute counting with memory, the longest whitening time is 20 minutes each cycle.



Fig (3)

■ **Sound Warning:**

- a.) When you press any button, you will hear a beep.
- b.) When whitening time remains 30 seconds, you will hear three beeps.

■ **Cooling setting:**

To ensure all of the led can work at the normal temperature during the whitening process, there is a quiet and high efficient fan in the Illuminator of Crystal 1200 to expel the heat.

Anytime, once you press the “**Power**” button to turn off light, the fan won’t shut down until 2 minutes.

6. Liability:

TPC Advanced Technology considers itself responsible for the effects on safety, reliability and performance of this product only if:

- Assembly operations, extensions, re-adjustments, modifications or repairs are carried out by persons authorized by TPC Advanced Technology.
- The electrical installation of the relevant room complies with the requirements.
- The equipment is used in accordance with these instructions for use.

7. Warranty:

TPC Advanced Technology hereby warrants that for a period of one year from the date of purchase this instrument shall be free from defects in material and workmanship and will perform satisfactorily under normal use and service.

The warranty stated herein is the sole warranty applicable to TPC Advanced Technology products. TPC Advanced Technology expressly disclaims any and all other warranties expressed or implied, including warranties or merchantability or fitness for a particular use. TPC Advanced Technology liability with prospect to its products expressly limited to the remedies set forth above. The remedies are the buyer’s exclusive remedies. TPC Advanced Technology shall under no circumstances be liable for incidental or consequential damages.

