USERS GUIDE

WARNING

- The function of the dental lamp is to illuminate the oral cavity of the patient during dental operations.
- The dental lamp must be used by qualified staff.
- Installation of the system must only be performed by specialized staff.
- Patients at risk (e.g. children with eye disease) must not stare at the dental lamp beam.
- It is recommended to always have the patient wear darkened eyewear during dental procedures. Avoid looking directly into the LED light when the lamp is turned on.
- The dental lamp must be installed on a specific control and supply device, such as a dental unit, or with an electrical system that complies with standard IEC 364-1 and "national regulations for installation of electrical systems in areas for medical use."
- Do not carry out any maintenance work when the power is on. Please disconnect the power cable from the mains beforehand.
- Do not introduce item or tool into slits in the dental lamp head that could touch live points.
- Not suitable for installation in environments containing flammable gas.
- Do not spray detergents-disinfectants directly on the dental lamp head.
- For cleaning plastic part of dental lamp. Do not use detergents disinfectants containing:
  AMMONIUM HYDRIXIDE
  SODIUM HYDROXIDE
  METHYLENE CHLORIDE
  METHYL ALCOHOL
  Failure to comply with this indication might cause: risk of breakage of plastic parts.
- Do not carry out maintenance or replacement work on parts other than those shown in the manual. Any operation not indication in the manual could compromise the safety aspect of the device.
- Disinfect surfaces with hydroalcoholic disinfectants.
- Do not use this equipment on patients who have implanted pacemakers or defibrillators.
- In the case of any problems, discontinue use, turn off the main switch and contact the dealer or our company.

Intended Used

This product is intended to be used as a component in a dental environment to provide lighting during dental procedures.

Technical Specifications

1. Rate input voltage: AC24V 50/60Hz
2. Rate input power: 25VA
3. Lux: ＞30000lux (distance spot 700mm)
4. Correlated Color Temperature: 3600-6400K
5. Luminous spot dimensions: ＜180x90mm (distance spot 700mm)
6. Weight: 2KG

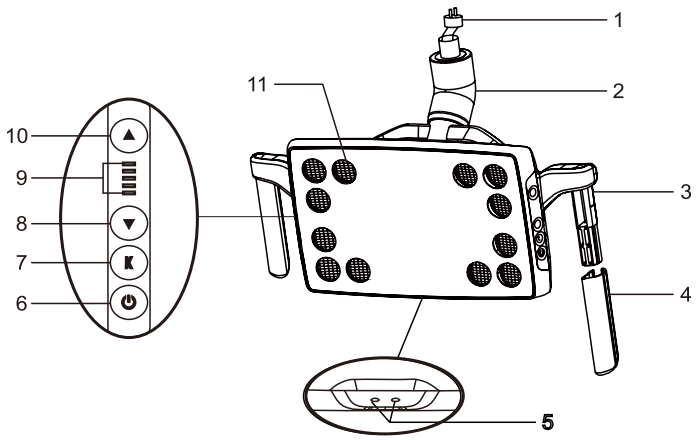
Package Contents

Dental Lamp	x 1
Handle Shell	x 2
Decoration Cover	x 1
Hexagonal Wrenches	x 1
USERS GUIDE	x 1

Operation and Storage Environments

Operating Temperature: +5℃ to +40 ℃
Operating Humidity: 20% to 80% RH
Atmospheric pressure: 80kPa to 106kPa
Storage Temperature: -10℃ to +55℃
Storage Humidity: ≤93% RH
Atmospheric pressure: 50kPa to 106kPa

Structure and Composition



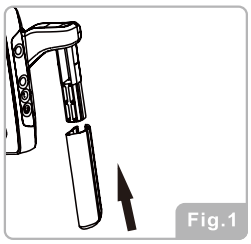
1 - Light power connector;
2 - Axis of rotation;
3 - Handle;
4 - Handle shell;
5 - Sensors;
6 - Power button;
7 - Color temperature adjustment button;
8 - Decrease button;
9 - Lamp intensity indicator;
10 - Increase button;
11 - LED light

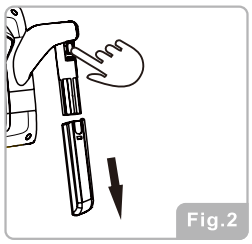
Installation

Assembly the handle shell ☞ *Fig.1*

Notice: To remove the handle shell, press the snap and pull it out.

☞ *Fig.2*


Fig.1


Fig.2

Connect the lamp to the dental chair arm ☞ *Fig.3*

a. Attach the Decoration Cover to the lamp arm
b. Connect the Light power connector
c. Tighten the hexagon socket screws

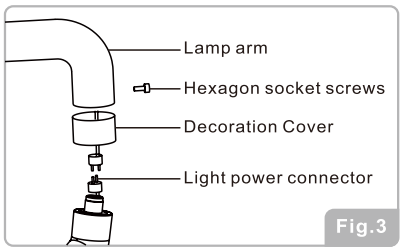


Fig.3

⚠ **Caution**:
- Before installation, please confirm that the power supply is 12-24V, otherwise the dental lamp will be damaged.

Operation

*Notice: The equipment has 2 operation modes (**Manual** and **Sensor**)*

Power On/Off

Manual: Touch ⏻ to turn on/off the lamp.

Sensor: Turn on the light when the hand slides over the sensor. Sliding again to turn off. ☞ *Fig.4*

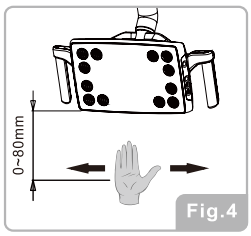


Fig.4

Lamp Intensity Adjustment

Manual: Touch ▲ to increase the lamp intensity.
Touch ▼ to decrease the lamp intensity.

Sensor: When the hand stays under the sensor, the illumination of the lamp will be adjusted between the strongest and weakest.
☞ *Fig.5*

⚠ **Caution**:
- The lamp intensity indicator shows current value. ☞ *Fig.6*
- The buzzer sounds, indicating that it has reached the limit.
- The adjusted value will be saved automatically.

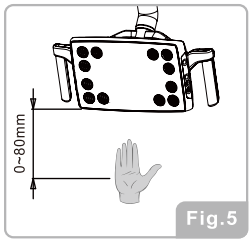
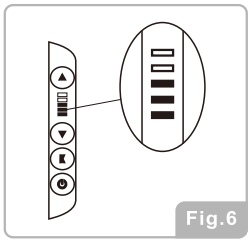


Fig.5


Fig.6

Color Temperature Adjustment

Touch Ⓚ to adjust the color temperature.

⚠ **Caution**:
- The lamp has 4 color temperature modes. In different color temperature modes, the different LED lights will illuminate.

Lamp Head Adjustment

Notice: The users can adjust the lamp head rotation themselves.

☞ *Fig.7*

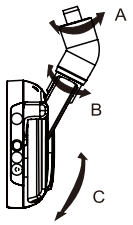


Fig.7

(A) Left/Right Rotation; (B) Diagonal Rotation; (C) Up/Down Rotation

Cleaning and Disinfection

1. For cleaning, manufacturer recommends using the detergent clean with a soft cloth and isopropyl alcohol.
2. The handle shells should be cleaned before each use.
3. Hydroalcoholic disinfectants with 70% isopropyl or ethyl alcohol are suitable for disinfection.
4. Prohibited the use of corrosive chemicals cleaning.

Guarantee

The dental lamp is guaranteed for 12 months from the date of purchase.

Symbols

⚡	Warning	LOT	Lot Number
⚠	Caution		WEEE directive marking
	Refer to instruction manual/booklet		Fragile; handle with care
	For indoor use only		Keep away from rain
REF	Catalogue Number		This way up
	Manufacturer	EU REP	EuropeanUnion agent
CE	CE marked product		

LOT YMXX
- XX Representative batch(represented by 01,02,03 respectively)
- M Representative month (1-9 for January-September, October-December for A, B, and C respectively)
- Y Representative year (F is 2015, G is 2016, and so on)
- Batch number sign

For example, H9A represents the production batch number of the first batch of September 2017.

Foshan COXO Medical Instrument Co.,Ltd.
No. 17, Guangming Ave., New Light Source Industrial Base, Nanhai National High-tech Zone, Foshan 528226, Guangdong P.R. China

EU REP **Lotus NL B.V.**
Koningin Julianaplein 10, 1e Verd, 2595AA, The Hague, Netherlands.
E-mail: info@lotusnl.com Tel: +31644168999

Ver:1.6 Revision Date:20251101 AE1293