



Mini LED
ORTHO



ORTHODO

CORDLESS - NOISELESS - LIGHTWEIGHT



- HIGH POWER: 3 000mW/cm² - NO POWER LOSS**
Power density up to 3,000mW/cm² when using the Ø5,5mm light guide. LED lights do not have bulbs and do not lose power over time like halogen light.
- WAVE LENGTH: WIDE SPECTRUM AND SAFETY**
Mini LED ORTHO 2 with wide emitting spectrum (420-480nm) can polymerize composites but also sealants and bonding agents. Mini LED ORTHO 2 has no UV and generates little heat for maximum safety and comfort.
- ORTHO FRIENDLY TIMING MODES**
4, 8, 12, 32 seconds curing cycles. Cure a few brackets or half an arch with the push of one button.
- CUSTOMIZABLE ALERT STYLE**
Prompts the user to move to next curing position every 4 seconds. Choose from 4 alert modes : beep only, microflash only, beep and microflash, or no alert.
- STANDBY MODE: SAVE THE BATTERY**
If not operated for more than 5 minutes, Mini LED ORTHO 2 will automatically switch to the standby mode. The LCD screen will also automatically be turned off, saving the life of the battery.
- HYGIENE: NO CROSS CONTAMINATION**
Mini LED ORTHO 2 has no fan to recycle unhygienic air. Exclusive, patented heat dissipation methods prevent over-heating and protect the circuitry. The light guide is autoclavable and the body may be disinfected with a topical solution.
- CONVENIENCE: 15 PATIENTS WITHOUT RELOADING**
One charge gives 45 minutes of continuous light, enough to cordlessly bond 15 patients.

Mini LED ORTHO 2

Opalescent light guide Ø5.5mm

On/Off button

LCD screen

Alert Mode Button

Timing Configuration Button

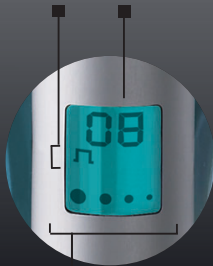
Translucent handpiece holder

Lithium Ion battery

Display screen

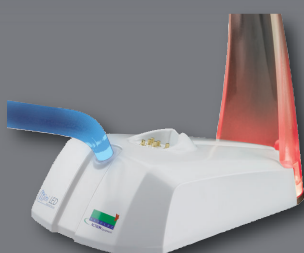
Fast mode

Time display



Battery indicator

Power verification window



Red
Not enough power



Green
Power OK

Technical specifications

Model name: Mini L.E.D. ORTHO 2

Dimensions without light guide:

Weight: 160 g
Dimensions: Ø24 x 201 mm

Operation: Continuous operation

Protection:

Category: Type B
Protection: 5 A T fuse (non accessible) 125 V
Protection index: IPX0

AC power adapter:

Input voltage: 100 V AC to 240 V AC
Frequency: 50 Hz to 60 Hz
Output voltage: 12 V DC
Output current: 0.8 A
Category: II
Protection index: IP 41

Charging base:

Input voltage: 12 V DC
Protection: 3 A T fuse (non accessible) 125 V
Category: Continuous operation
Protection index: IPX0

Battery:

Type: Lithium-Ion
Dimensions: Ø24 x 88 mm
Capacity: 2400 mAh

Optical specifications:

LED for polymerization:
Wavelength range: 420 - 480 nm
Peak wavelength: 455 - 465 nm
Intensity: 3000 mW/cm² ± 10% for opalescent light guide diameter of 5.5 mm
Class: IIa according to European directive 93/42/CEE
Maximum exposure time: 32 seconds

Homologation

CE, IEC 60 601-1/60 601-1-2

Accessories

Opalescent light guide Ø 5.5 mm : Ref. F02652
Opalescent light guide Ø 7.5 mm : Ref. F02648
Oval eye shield : Ref. F05213
Power cord : Ref. F05216
Battery : Ref. F05211
Kit of 5 sterilizable flexible optical shields Ø5.5mm: Ref. F61505

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