



*Mini* LED  
ORTHO



ORTHODO

# CORDLESS - NOISELESS - LIGHTWEIGHT



- HIGH POWER: 3 000mW/cm<sup>2</sup> - NO POWER LOSS**  
Power density up to 3,000mW/cm<sup>2</sup> 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/cm<sup>2</sup> ± 10% for opalescent light guide diameter of 5.5 mm  
Class: Ila 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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D05221 (09-2009)