

Mini LED

SuperCharged

CORDLESS - NOISELESS - LIGHTWEIGHT



Powerful curing LED & wide spectrum

High power: 3 seconds curing light

High power density of $2,000\text{mW}/\text{cm}^2$ when using $\varnothing 7,5\text{mm}$ standard light guide.
Power density will increase up to $3,000\text{mW}/\text{cm}^2$ when using $\varnothing 5,5\text{mm}$ light guide.
LED lights do not have bulbs and do not lose power over time like halogen light.
Mini LED SuperCharged can cure from 3 seconds almost all composites on the market.

Wide spectrum:

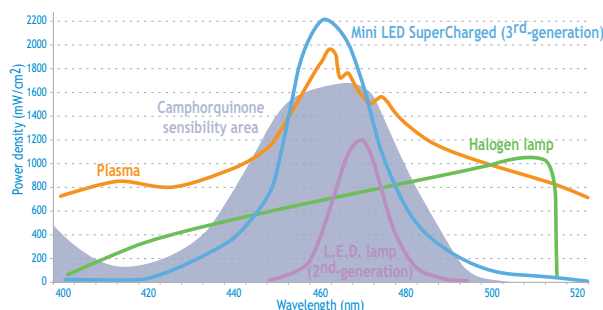
Mini LED SuperCharged with wide emitting spectrum (420-480nm) can polymerize not only composites but also sealants and bonding agents.

Hygiene: no cross contamination

Mini LED SuperCharged has no fan to recycle unhygienic air. The light guide is autoclavable and the body may be disinfected with a topical solution.

Safety

Minimal temperature elevation means Mini LED SuperCharged is safe to use on vital teeth as there is no risk of pulpal damage. The innovative LED technology limits rise in temperature. Exclusive, patented heat dissipation methods prevent over-heating and protect the circuitry.



Power density: $2000\text{mW}/\text{cm}^2$

Mini LED SuperCharged offers wide emitting spectrum (420-480) and power density of $2,000\text{mW}/\text{cm}^2$, higher than a plasma light.

Mini LED

SuperCharged

Sterilizable opalescent light guide ■

■ On/Off button

LCD screen ■

Fast Mode
Pulse Mode
Ramping Mode

Mode selection button ■

■ Time selection button

■ Lithium Ion battery

■ Translucent handpiece holder

Display screen

Polymerization

modes ■

■ Time display

Battery indicator ■

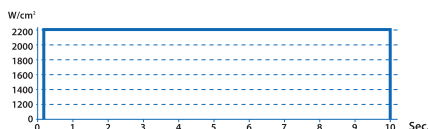
■ Power verification window

Red
Not enough power

Green
Power OK

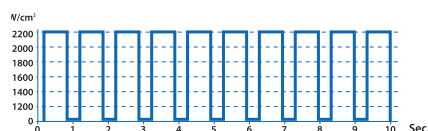


Use of 3 different modes gives you the flexibility to polymerize almost all composites, bonding agents and sealants available on the market. The Mini LED SuperCharged unit has a unique memory function that stores the most recently used configuration of mode and function. Now that's smart!



Fast mode (3,4,5,10 seconds)

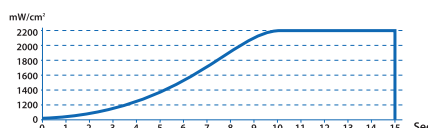
Curing time can be selected among 3,4,5 or 10 seconds at full power.



Pulse mode (5 or 10 seconds)

Curing time can be selected between 5 and 10 seconds.

Emits 5 or 10 successive one-second flashes at full power, repressed temperature rise, offering safe curing to teeth.



Ramping mode (slow mode, 9 or 15 seconds)

Emits 9 or 15 seconds.

Emits for 6 seconds progressively up to full power for 3 seconds or emits 10 seconds and progressively up to full power for 5 seconds.

SPECIFICATIONS

Unit including Lithium-Ion battery

Size: Ø24mm x 201mm

Weight: 160g

Transformer

Working voltage: 100 V AC to 240 V AC

Frequency : 50 Hz to 60 Hz

Voltage: 12V DC

Output voltage: 0.8A

Battery

Type: Lithium-Ion

Capacity: 2,300mAh

Charging time: 2 hours 30 minutes (in case battery is completely empty)

Optical specifications

Wavelength: 420-480nm

Power: Ø7.5mm light guide - 2,000mW/cm²

Ø5.5mm light guide - 3,000mW/cm²

STANDARD ACCESSORIES

- 1- Unit (Handpiece + Lithium-Ion battery).
- 2- 7.5mm opalescent light guide
- 3- Base stand (battery charger)
- 4- Eye shield
- 5- Transformer

Available in a version that can be integrated in dental chair.