

MINILED ACTIVE

Size: Ø24.5x161mm
Weight: 103g
Classification: Class II, type B

Wavelength: 420-480nm
Power:
• 1492mw/cm² with Ø7.5mm light guide

MINILED STANDARD

Size: Ø23x200mm
Weight: 160g
Classification: Class II, type B
Base: radiometer included

Wavelength: 420-480nm
Power:
• 1250mw/cm² with Ø7.5mm light guide
• 2000mw/cm² with Ø5.5mm light guide

MINILED SUPERCHARGED

Size: Ø24x201mm
Weight: 160g
Classification: Class II, type B
Base: radiometer included

Wavelength: 420-480nm
Power:
• 2000mw/cm² with Ø7.5mm light guide
• 3000mw/cm² with Ø5.5mm light guide

MINILED ORTHO 2

Size: Ø24x201mm
Weight: 160g
Classification: Class II, type B
Base: radiometer included

Wavelength: 420-480nm
Power:
• 3000mw/cm² with Ø5.5mm light guide

ACCESSORIES



LIGHT GUIDES:

- Ø7.5mm: F02648 (MiniLED™ Standard, SuperCharged, Ortho 2)
 - Ø7.5mm: F05121 (MiniLED™ Active)
- Large reconstructions, posterior brackets, Inlay cores...
- Ø5.5mm: F02652 (MiniLED™ Standard, SuperCharged, Ortho 2)
- Get even more energy at the extremity: Lingual ortho, interdental composites, small areas reconstructions

BUILT-IN

Various possibilities available upon request



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MINILED

Fast polymerization
for long term
esthetic results

MINILED CURING LIGHTS

THE LAMPS REFERENCES

POLYMERIZATION CHALLENGES

The use of MiniLED™ Polymerization lamps have been appreciated worldwide for their efficiency and their secure cold light safe on vital teeth. The range of ACTEON® MiniLED responds to all clinical needs from portable to chair connected versions.



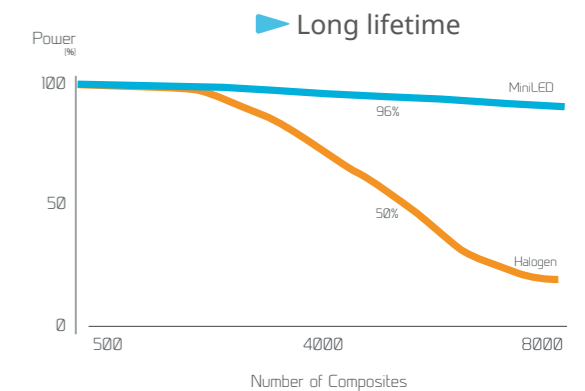
CRUCIAL PHASE FOR GREAT ESTHETIC RESULTS

Light-activated products such as composites, sealants, bonding agents have been optimized over the years to provide better esthetic results. The polymerization phase is crucial for esthetic and long lasting results. **Choosing the right lamp**, with the proper intensity and exposure time avoids fractures, infiltrations, post-operative sensitivity. Science has proved that improperly cured composites can generate a cytotoxic effect and are less biocompatible.⁽¹⁾

LATEST TECHNOLOGY

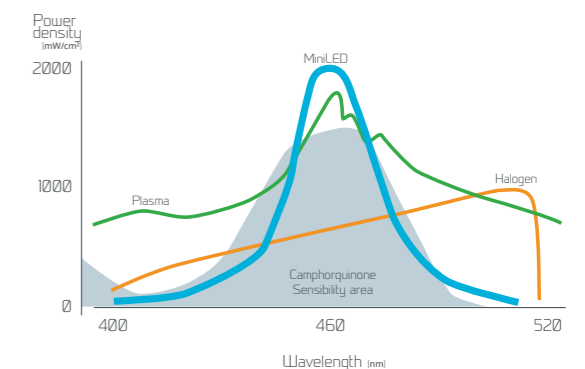


- ▶ Wide emitting spectrum: 420 to 480nm for dental photo-initiators
- ▶ Cold light limiting the risk of pulpal damage
- ▶ Developed in collaboration with prestigious universities



PATIENTS & PRACTITIONERS FRIENDLY

- ▶ **Well-balanced combination**
 - Cordless light handpiece easy to grip
 - Robust body in aluminium
 - Li-Ion battery with no memory effect
- ▶ **Safe & Hygienic**
 - No fan to limit cross infection and avoid noise generation
 - Rigid protection shield for a focused blue light with no danger for the retina
 - Autoclavable multi-fibers glass light guide
- ▶ **Large photo-initiator compatibility**
 - Relevant wavelength spectrum: Camphoroquinone (CQ) 470nm but also PPD and PAB 430 nm
 - Large power range from 1250mW/cm² to 3000mW/cm²
 - Customizable modes to polymerize diverse materials in various clinical situations

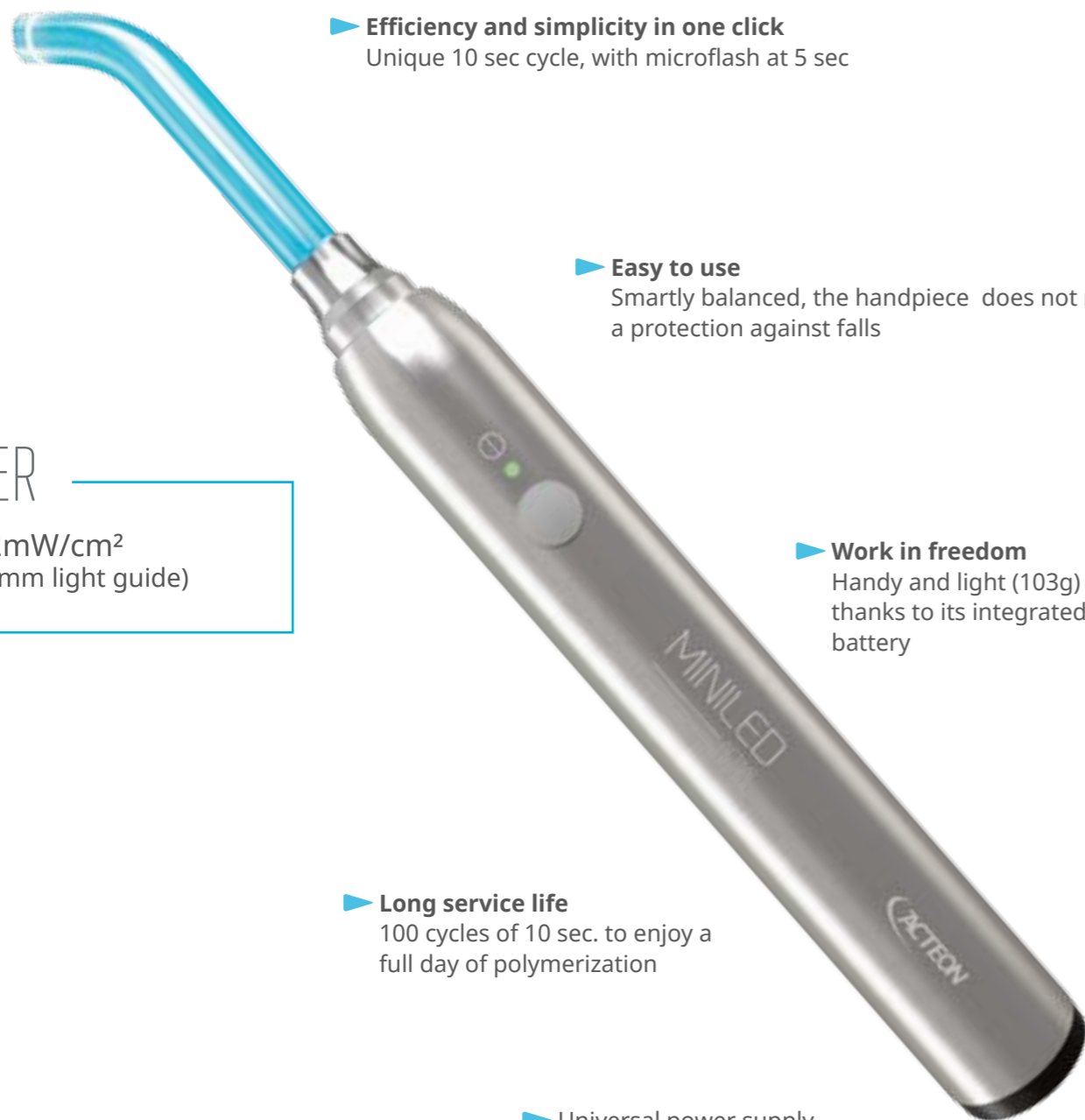


MINILED ACTIVE

READY TO USE

The essential of polymerization at your fingertips

MINILED
ACTIVE



► **Efficiency and simplicity in one click**
Unique 10 sec cycle, with microflash at 5 sec

► **Easy to use**
Smartly balanced, the handpiece does not roll for a protection against falls

► **Work in freedom**
Handy and light (103g) thanks to its integrated battery

► **Long service life**
100 cycles of 10 sec. to enjoy a full day of polymerization

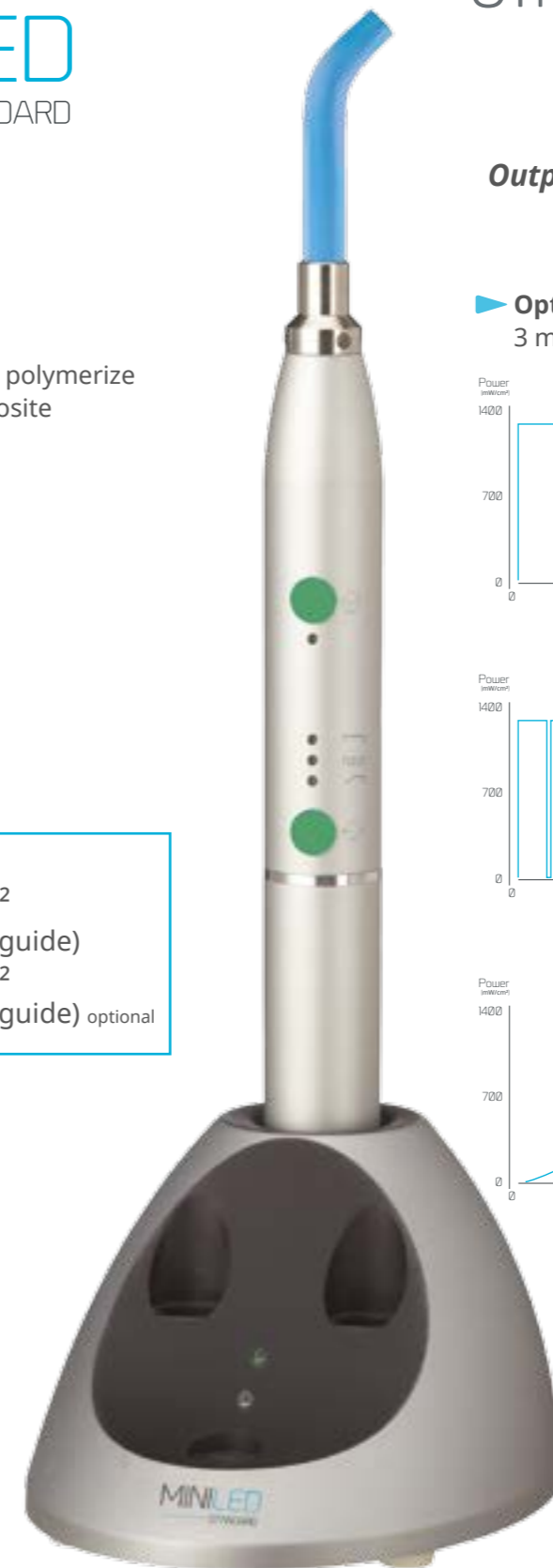
► **Universal power supply**
Battery level indicator

POWER
1492mW/cm²
(Ø7.5mm light guide)

MINILED
STANDARD

► **Fast**
Only 6 to 12 sec to polymerize
2mm of any composite

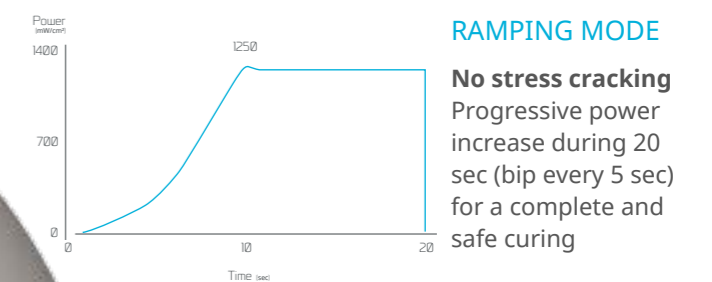
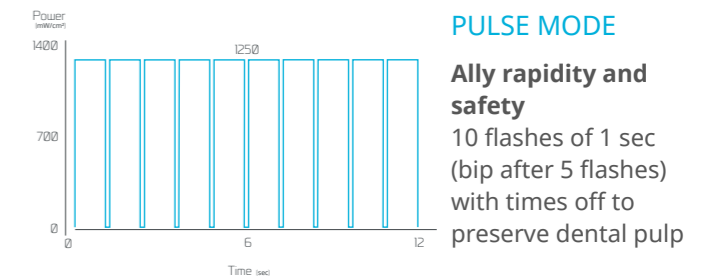
POWER
• 1250mW/cm²
(Ø7.5mm light guide)
• 2000mW/cm²
(Ø5.5mm light guide) optional



SIMPLY POWERFUL

Outperforms in power, efficiency and speed

► **Optimal result**
3 modes to fit all clinical needs

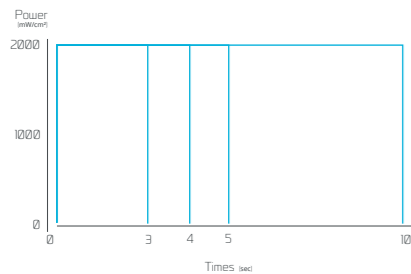


► **Safety**
Base-charger includes a radiometer for light power intensity check-up

MINILED SUPERCHARGED

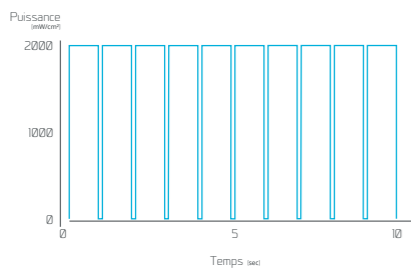
HIGHLY ADAPTABLE

The alliance of power and safety



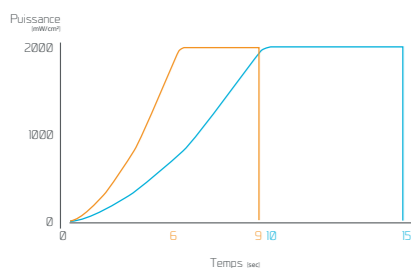
FAST MODE

The choice of rapidity
Full power during 3, 4, 5 or 10 sec, according to the composite thickness



PULSE MODE

Limits temperature rise
5 or 10 flashes of 1 sec for a polymerization in security



RAMPING MODE

Avoids composites retraction
Progressive power increase during 9 or 15 sec to ensure perfect sealing of the restoration



Control

Base-charger includes a radiometer. The LED light intensity can be controlled anytime with total lightening of the translucent handpiece holder



MINILED SUPERCHARGED

POWER

- 2000mW/cm² (Ø7.5mm light guide)
- 3000mW/cm² (Ø5.5mm light guide) optional



Visibility

Luminous screen with customizable modes and times, count curing time and load indicator

MINILED ORTHO 2

POWER

- 3000mW/cm² (Ø5.5mm light guide)

Customizable signal

An alert (beep, micro-flash, mixed or no alert) prompts the user to move to the next curing position every 4 sec

Long lasting battery

MiniLED Ortho 2 can cure 15 patients at maximum power, no need to recharge it during the day



SPECIALIZED ORTHODONTIC TREATMENTS

Cure in a simple gesture, in few seconds from few brackets to a whole quadrant

Ortho friendly

Customizable exposure times of 4, 8, 12 and 32 sec, specifically studied to move from one bracket to another or to cure a full arch

Efficacy and safety

- Cure any type of material used in orthodontics efficiently and quickly.
- The absence of UV reduces heat production for maximum comfort and safety