



I AM
FAST



MINILED

Powerful curing lights



MINILED CURING LIGHTS

POLYMERIZATION CHALLENGES

MiniLED™ curing lights have been used worldwide for their efficiency and safety. The range of ACTEON® MiniLED responds to all clinical needs from portable to chair connected versions.



Restoration
[Glass Ionomer]



Bleaching
[Dam]



Brackets
[Adhesive]

Restoration
[Composite]



Veneers
[Adhesive]



Posts
[Cements]



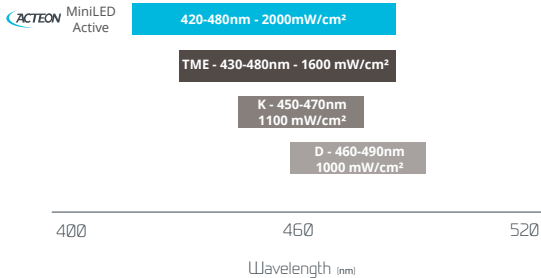
CRUCIAL PHASE FOR GREAT ESTHETIC RESULTS

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.

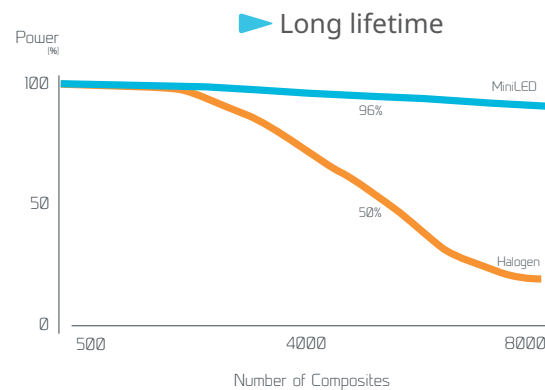
Choosing the right lamp, with the proper intensity and exposure time avoids fractures, infiltrations, post-operative sensitivity. Science has proved that improperly cured composites can generate a cytotoxic effect and are less biocompatible.⁽¹⁾

VERSATILE & POWERFUL

LATEST TECHNOLOGY

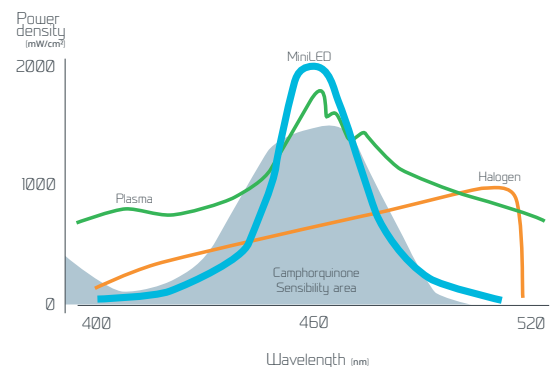


- ▶ Wide emitting spectrum: 420 to 480nm for dental photo-initiators
- ▶ Cold light limiting the risk of pulpal damage
- ▶ Developed in collaboration with prestigious universities



PATIENT & CLINICIAN 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-fiber glass light guide
- ▶ **Large photo-initiator compatibility**
 - Relevant wavelength spectrum: Camphorquinone (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 STANDARD

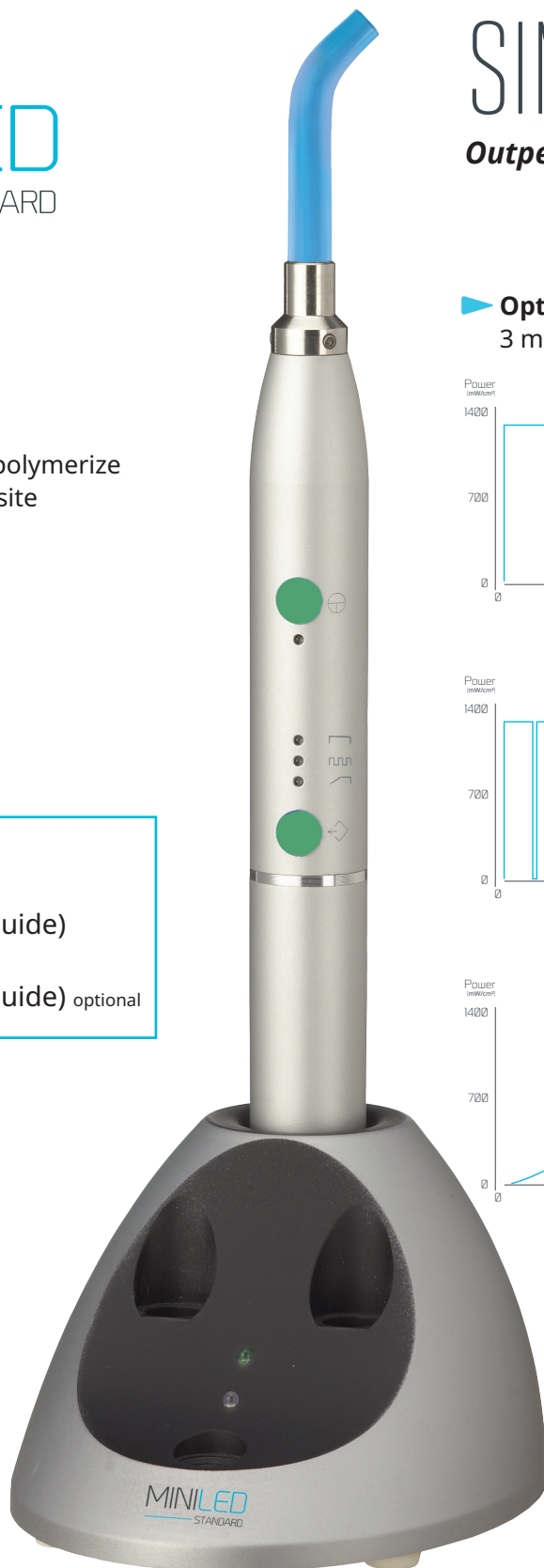
MINILED
STANDARD

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

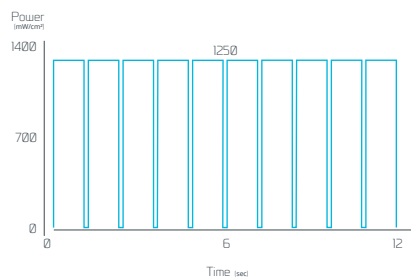
3 modes to fit all clinical needs



FAST MODE

Fast and easy

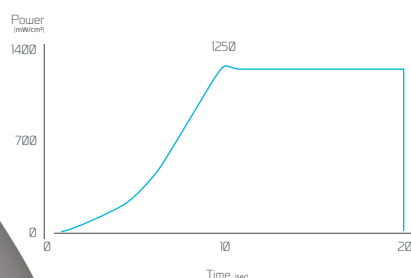
Full power during 10
sec (bip at 5 sec) on
regular depth



PULSE MODE

Ally rapidity and safety

10 flashes of 1 sec
(bip after 5 flashes)
with times off to
preserve dental pulp



RAMPING MODE

No stress cracking

Progressive power
increase during 20
sec (bip every 5 sec)
for a complete and
safe curing

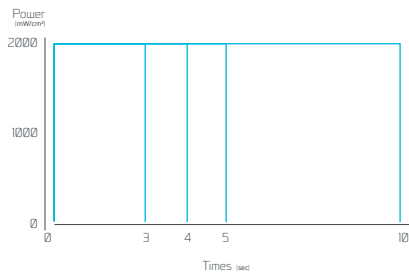
Safety

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

MINILED SUPERCHARGED

HIGHLY ADAPTABLE

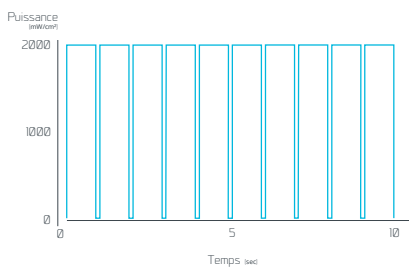
The alliance of power and safety



FAST MODE

The choice of rapidity

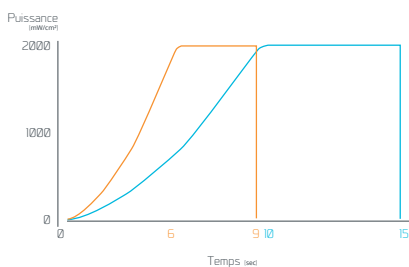
Full power during 3, 4, 5 or 10 sec, according to the composite thickness



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

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



MINILED BUILT-IN

CLINICAL EXPERTISE

As a major partner for equipping dental chairs, ACTEON® places its technical and clinical expertise at the service of practitioners, from conception to delivery to be always closer to your needs.

FULL RANGE

ACTEON® provides a high-quality and affordable full range of innovative instruments.

LATEST TECHNOLOGY

Ultrasonics, polishers, curing lights, intraoral cameras and disposable air/water syringes.

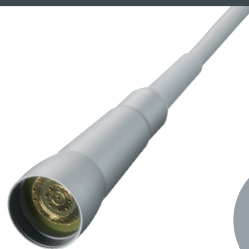


EASY INSTALLATION

- All MiniLED™ use one single module with compact size, for easy integration and upgrades
- Various handpiece cords, shades and accessories



72x45x32mm
Supply 24Vac / 20VA



Ø 4x6 ; 5x7mm
Colors



Light



Medium



Dark



MiniLED Standard
Power: 1,250 - 2,000mW/cm²
Spectrum: 420 - 480nm



MiniLED Supercharged
Power: 2,000 - 3,000mW/cm²
Spectrum: 420 - 480nm



Size: Ø23x200mm
Weight: 160g
Classification: Class I
Base: radiometer included

Wavelength: 420-480nm

Power:

- 1250mw/cm² with Ø7.5mm light guide
- 2000mw/cm² with Ø5.5mm light guide



Size: Ø24x201mm
Weight: 160g
Classification: Class I
Base: radiometer included

Wavelength: 420-480nm

Power:

- 2000mw/cm² with Ø7.5mm light guide
- 3000mw/cm² with Ø5.5mm light guide



Size: Ø24x201mm
Weight: 160g
Classification: Class I
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