



*Mini LED*  
Auto.Focus

Attractive, powerful and clever



# Exactitude



# Precision

## Target ring\*

To have maximum energy without knowing where the lamp projects it would represent a power loss of approximately 50% to the clinician. The LASER target ring, invented by Acteon, helps to visualise and to control light projection to the site of maximum lamp power.

Target ring =  
ideal orientation  
of the light guide

## AutoFocus\*

- Optimum polymerization times.
- Constant quality of polymerization thanks to the position corrector (AutoFocus system) between the light guide and the clinical site.
- Your Mini LED AutoFocus calculates automatically and in real time during the treatment the necessary illumination time for a perfect polymerization.

AutoFocus =  
control of  
polymerization time



\*Patented systems

# Mini LED

## Auto.Focus

Opalescent light guide

On/Off button  
and laser target

Backlighted LCD screen

Fast  
Pulse  
Ramping

Menu button

Battery  
L.E.D. indicator

Configuration button

AutoFocus  
Light guide

### Display screen

Polymerization mode

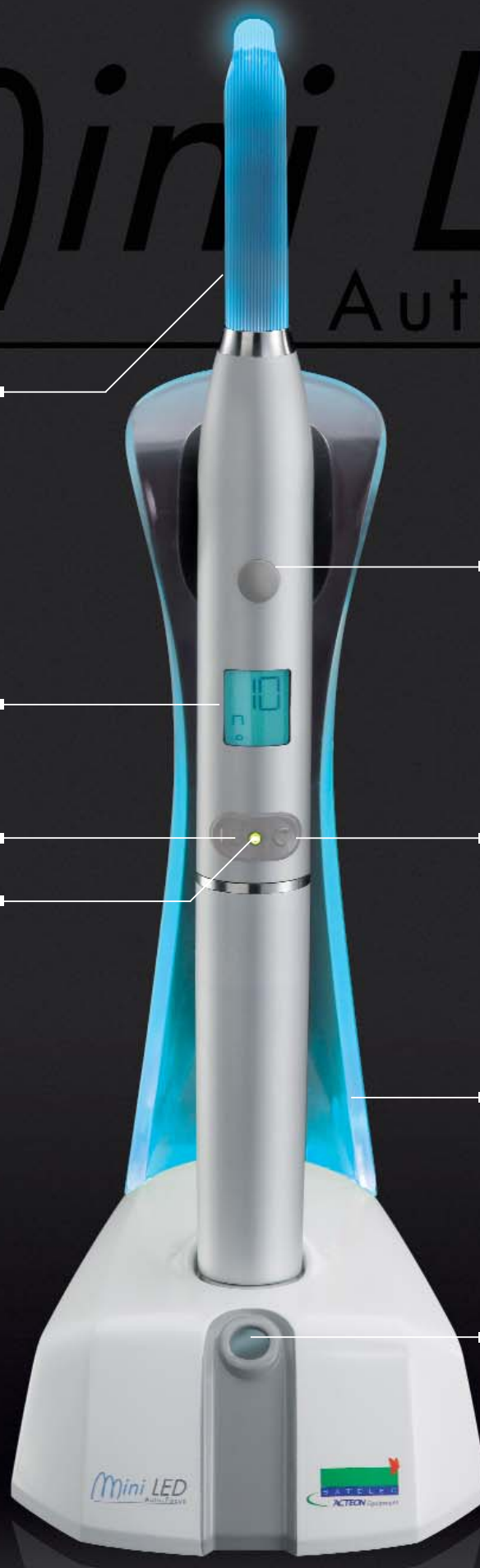
Time display

Light guide diameter

AutoFocus

Translucent handpiece holder  
and control light

Incorporated radiometer



Mini LED

DATEL  
ACTON

# Power $2200\text{mW}/\text{cm}^2$

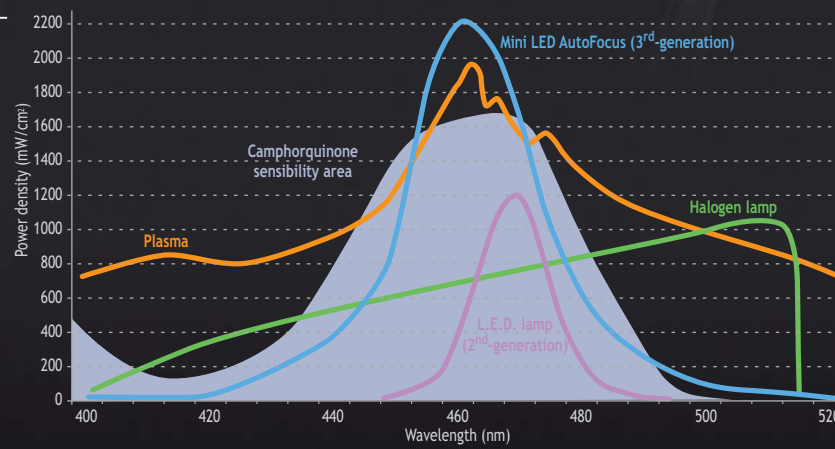


## Power density of $2200\text{mW}/\text{cm}^2$ to $3000\text{mW}/\text{cm}^2$ \*

\*differs according to light guide ( $\varnothing$  7.5mm or 5.5mm).

Mini LED AutoFocus is the most powerful L.E.D. lamp:

- fast like a plasma lamp, it can polymerize most composites in less than five seconds,
- more powerful than plasma light, it polymerizes all composite types through 2mm.



## Wavelength

Thanks to its innovative technology, Mini LED AutoFocus utilizes 100% of a particularly efficient spectrum to:

- reduce illumination time,
  - eliminate dangerous rays (ultra-violet),
  - eliminate calorific rays (infrared),
- and procure perfect, long-lasting polymerization.

# Mini LED

## Auto.Focus



### The AutoFocus by Acteon

Acteon presents the first ever third-generation L.E.D. lamp.

The power density (number of photons) of a lamp decreases significantly the farther away it is from the composite. To ensure effective polymerization, the exposure time would need to be calculated for each clinical procedure, according to the position of the tooth, and even the shape of the composite.

The AutoFocus function is an "active" system which enables automatic calculation of the time, and therefore of the ideal power density, required for deep polymerization of composites, whatever menu is selected. This will avoid under or overexposure of time and stop any inflammation.

With your Mini LED AutoFocus, all composites, regardless of their type, shape or position, will receive in a circle of light, at their surface, sufficient effective light to cure them to a depth of more than 2mm.

# The first 3<sup>rd</sup>-generation L.E.D. curing light

# Technical specifications

## Unit

Type : Mini LED AutoFocus  
 Weight : 200g  
 Size : Ø 24 x 210mm  
 Classification : ordinary, type B,  
 permanent service  
 IPXO

## Transformer (EEC)\*

Working voltage : 100-240 V AC  
 Frequency : 47-63 Hz  
 Voltage : 12 V  
 Output voltage : 0.6 A  
 Classification : II, IP 40

## Charging base

Voltage : 12 V DC  
 Protection : 2 A earthed fuse  
 Classification : Permanent service,  
 IPXO

## Battery

Type : Lithium-Ion  
 Size : 85 x Ø 24mm  
 Capacity : 2400mAh

## Optical specifications

Wavelength : 420-480nm  
 Power (± 10%) :  
 Ø 7.5mm opalescent light guide : 2000mW/cm<sup>2</sup>  
 Ø 5.5mm opalescent light guide : 2800mW/cm<sup>2</sup>

## Homologation

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

## Accessories

Ø 7.5mm opalescent light guide Ref. F02654  
 Ø 5.5mm opalescent light guide Ref. F02655  
 Eyeshield Ref. F61515  
 Transformer (EEC)\* Ref. F02543  
 Battery Ref. F02901

\*available in other voltages : please contact your local dealer or  
[satelec@acteongroup.com](mailto:satelec@acteongroup.com)

# OEM type



Dimensions : Ø 23 x 180mm  
 Weight : 160g (without light guide)  
 Classification : I, type B,  
 permanent service,  
 IPXO

