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MECTRON
STARLIGHT PRO



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STARLIGHT PRO

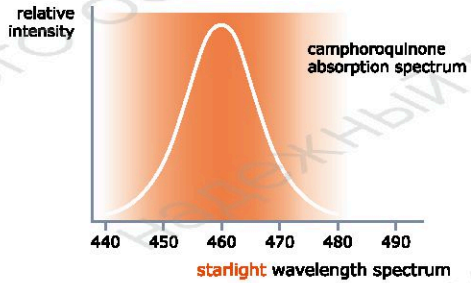
lightweight, powerful and versatile

The starlight pro combines its features in an exemplary manner. Cordless, ultralight and easy to handle.

The starlight pro is available in 4 new bright colours: shiny white, shiny yellow, silver and mat black carbon fibre.

LIGHT SPECTRUM

starlight lamps are effective on campho-roquinone, used as photoinitiator in 98% of the materials on the market. They emit light on a wave-length comprised between 440 nm and 480 nm with a peak at 460 nm.





CHARGING STATION

- green control LEDs indicating mains supply and signalling consent for charging process and power output
- in case of problems a yellow LED will flash
- integrated radiometer which checks the power output
- result indicated by a LED



OPERATING MODES

- „Fast“ mode: 10 seconds at maximum light intensity, with acoustic signal at the beginning and at the end of the cycle
- „Slow rise“ mode: 20 seconds with a progressive increase of the light intensity reaching the peak within the first 3 seconds, one acoustic signal after 10 seconds and one at the end of the cycle

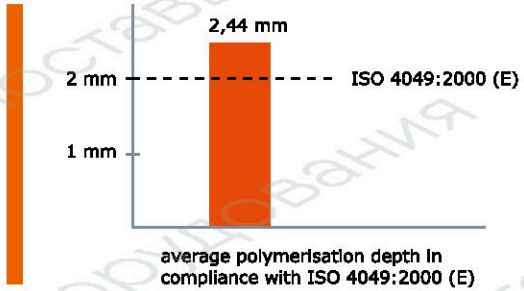


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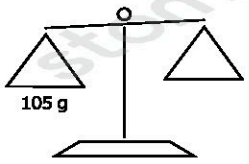
OUTPUT
hardens a 2 mm layer with the utmost reliability in 10 sec

ACCUMULATOR
lithium-ion battery with no memory effect

CHARGING TIME
only 90 minutes

CAPACITY
320 cycles with 10 seconds

WEIGHT
only 105 g



PROCESSOR CONTROL
constant light power regardless the charge level

LOW BATTERY WARNING
the double acoustic signal is activated when the battery is still sufficient for 6 cycles

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TECHNICAL SPECIFICATIONS





OPTICAL FIBRES
sterilizable, coherent, fibre optics conductor, Ø 8 mm

CLICK-CLACK CONNECTION
exclusive connection in metal ensures an optimal light beam transmission

OPTICAL PROTECTION
sterilizable, simple to apply to the optical fibre

HYGIENE
the smooth, continuous and compact surface enables perfect disinfection

LOW TEMPERATURE
it does not require a fan as it develops no heat – silent

Size (width x Ø)	198 x 22.5 mm
Weight	105 g
Wavelength	440 - 480 nm
Light intensity	> 1.400 mW/cm²
Average working life of LED (in 10-second cycles)	2.500.000 10-second cycles
Battery charging time	90 minutes
Battery capacity	160 20-second cycles
Warranty (excluding the optical fibre)	3 years including the battery

CE 0476

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