

APM UV9 LED

A LIGHT SOURCE THAT IS THE FIRST OF ITS KIND



The APM UV9 LED is a unique light source. It is a UV and visible light curing system that uses powerful light-emitting diodes (LEDs) as its light source. This portable handheld device is powered by a rechargeable lithium-ion battery.

The APM UV9 LED has a UV and visible energy output of up to 1800 mW/cm² and can emit 365 nm / 385 nm light, 405 nm / 420 nm light, or a combination of both. It offers a curing area of 1/2 inch at a distance of 1/2 inch from your joint.

A microprocessor controls timing, audible signals, temperature measurement, and battery management. An LCD on the device displays selected exposure times from 1 to 60 seconds. The LCD also displays the battery charge level. The device can be turned off manually at any time by pressing the start button again after the initial start.

The APM UV9 LED contains the light source, a rechargeable lithium-ion battery, a bracket with a pass/fail radiometer, a power supply, and a filter.



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TOGETHER.**

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TECHNICAL DATA



Information	Specifications
Device name	APM UV9 LED
Power supply	Input: AC100~240 V, 50-60 Hz Output: DC 5 V/2 A
Battery	Li-ion 3.7V, 2500mAh
Light source	10 W LED
LED-Service life	up to 2'000h
Wavelength	365~420 nm Peak: 365 nm, 385 nm, 405 nm, 420 nm
Radiation intensity	up to 1800 mW/cm ² @HIGH, UV-Modus
Device weight	180 g (mit Batterie und Lichtleitstab)
Device dimensions	Ø115 (max.) x H68 mm
Device class (AC-adapter)	Class II
Safety	IEC / EN 61010-1
EMC	EN 61326-1
Protection against the ingress of liquids	IPX0
Overvoltage category	1
Degree of pollution in the intended environment	2
Cycles per charge	680 times in 10 sec., whole modus, high intensity
Operating environment	Indoor use. Altitude (max.): 2000 m Ambient temperature: 10~40 °C / 50~104 °F Relative humidity: 30~75%. Atmospheric pressure: 0.5~1.0 atm / 50~106 kPa
Storage and transport conditions	Ambient temperature: 10~40 °C / 50~104 °F Relative humidity: 10~95% Atmospheric pressure: 0.5~1.0 atm / 50~106 kPa

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REPLACEMENT LIGHT GUIDE



Item number		Dimension
312001-61	UV9 optical fiber light guide	Ø3mm
312001-62	UV9 optical fiber light guide	Ø5mm
321001-63	UV9 optical fiber light guide	Ø8mm
312001-6	UV9 optical fiber light guide	Ø11mm (original)
312001-65 straight	UV9 optical fiber light guide	Ø11mm



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