

# APM UV9 LED

THE FIRST OF IT'S KIND LIGHT SOURCE



The APM UV9 LED is a first of its kind light source. It is both a UV and Visible light curing system that uses powerful light emitting diodes as its light source. This portable handheld unit is powered by a rechargeable lithium ion battery.

The APM UV9 LED has a UV and Visible energy output up to 1800mW/cm<sup>2</sup> and can emit 365nm / 385nm light, 405nm / 420nm light or a combination of all. It gives a cure area of 12.7mm at 12.7mm distance from your bond area.

A micro-processor provides time controller, audible indicators, temperature sensing, and battery management. An LCD on the device provides a read out of selected time exposures of 1~60 seconds. The LCD also displays the battery discharge level. The unit can be manually turned off at any time by pressing the start button a second time after your initial start.

The APM UV9 LED includes the light source, one rechargeable lithium ion battery, cradle with pass / fail radiometer, power supply and filter.



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TOGETHER.**

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## TECHNICAL DATA



Type of 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 life time	Up to 2'000h
Wavelength	365~420 nm Peak: 365 nm, 385 nm, 405 nm, 420 nm
Radiant intensity	up onto 1800 mW/cm <sup>2</sup> @HIGH, UV-Modus
Handheld weight	180 g (with battery and light guide)
Cradle dimension	Ø115 (max.) x H68 mm
Equipment class (AC Adapter)	Class II
Safety	IEC / EN 61010-1
EMC	EN 61326-1
Protection from ingress of liquids	IPX0
Overvoltage category	1
Pollution degree of the intended environment	2
Use cycles per charge	680 times in 10 sec, Entire mode, High intensity
Operation 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 environment	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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