

DENTAL CURING LIGHT

LEDEX™ WL-090+

COMBO OF CURING LIGHT & PLAQUE/CARIES DETECTOR



3 Sec.
Cure 2mm

Plaque
Detector

Caries
Detector

7 Powerful
Modes

Broadband
LEDs

High 1800
mW/cm2

Fast
Ortho

Built-in
Radiometer

ADVANTAGES

Using the latest technology to build a simple powerful and affordable curing light.

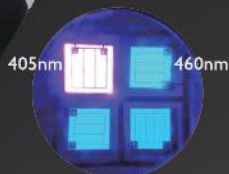
7 powerful extensive modes

OLED display, turbo light guide rod, 7 modes.

Low Ramp Standard High Fast Ortho Plaque Inspect Caries Inspect

Broadband LEDs used

Use broadband LEDs, wide wavelength output is more fitting to phenyl propanedione(PPD) and Lucirin® TPO photoinitiator.



(Light source of WL-090+)

High mode : 3 sec. fast cure

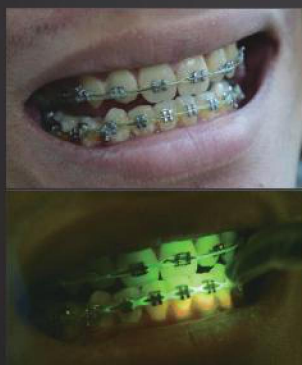
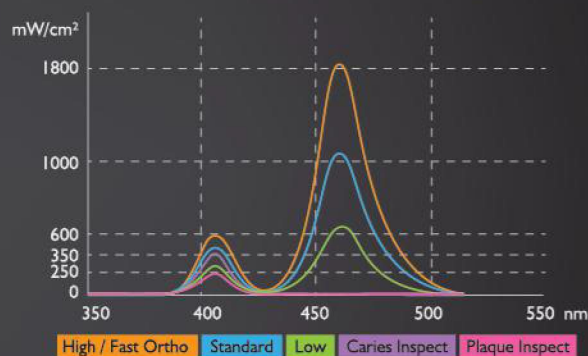
Use high power 10W broadband LEDs, up to 1800 mW/cm², it can cure the composites over 2 mm in 3 sec.

Plaque inspect & caries inspect

Use *FIND™ optical filter, it can detect dental plaque, caries easy and clearly.

*FIND™ : Fluorescence Inspect and Determine system.

(WL-090+ Broadband LEDs wavelength)



Never shutdown within continuous use

Smart heat-management system prevents device overheating during continuous use.

Built-in radiometer

OLED display, easy to check intensity.

Cartridge battery

Use cartridge design, easy to change battery.



Specification

Handpiece		Cradle	Weight	140 g
Light source	High power 10 W broadband LEDs, average lifespan is 100,000 hours		Dimensions	Ø115 x H68 mm
Wavelength	390-480 nm, peak : 405,460 nm	Battery	Type	Lithium-ion, 3.7 V/2500 mAh
Radiant intensity	Up to 1800 mW/cm ²		Charge time	About 2.5 hours
Light guide rod	Ø11>8 mm & Ø11>5 mm optical fiber, Steriliz-able in autoclave		Use time	120 Minutes (720 times in 10 Sec. Standard mode)
Weight	180 g (with battery & light guide rod)	Power Supply	Type	Mini USB jack
Dimensions	Ø38 (max.) x L190 mm		Input	100-240 V, 50/60 Hz
			Output	DC 5 V/2 A

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Made in Taiwan
Patent M463575