

DENTAL CURING LIGHT

LEDEX™ WL-090+

COMBO OF CURING LIGHT & PLAQUE/CARIES DETECTOR



2 Sec.
Cure 2 mm

Plaque
Inspect

Caries
Inspect

8 Powerful
Modes

Broadband
LEDs

Turbo 2400
mW/cm²

Fast
Ortho

Built-in
Radiometer

FEATURE

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

ADVANTAGES

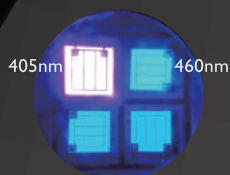
8 Powerful extensive modes

OLED display, turbo light guide rod, 8 modes.

Low > Ramp > Standard > High > Fast Ortho > Turbo > 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+)

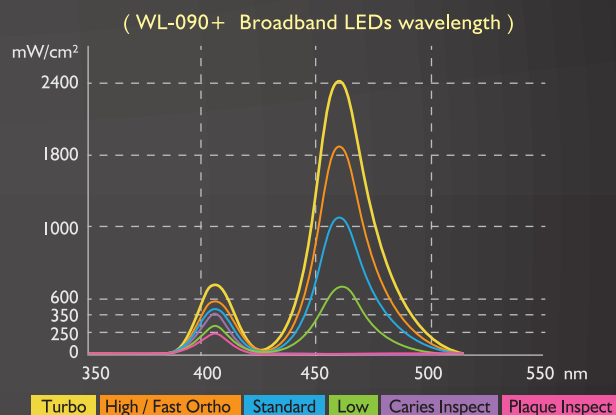
Turbo Mode : cure fast in 2seconds.

Use high power 10W broadband LEDs, up to 2400 mW/cm². It can cure the composites over 2 mm in 2 seconds.

Plaque inspect & Caries inspect

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

*FIND™ : Fluorescence Inspect and Determine system.



Never shutdown after continuous use

Smart heat management system prevents the device from overheating after 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		Dimension	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 2400 mW/cm ²		Charge time	About 2.5 hours
Light guide rod	Ø11>8 mm & Ø11>5 mm optical fiber, Sterilizable in autoclave		Use time	120 Minutes (720 times in 10 Sec. Standard mode)
Weight	180 g (with battery & light guide rod)	Power Supply	Type	Micro USB jack
Dimension	Ø38 (max.) x L190 mm		Input	100-240 V, 50/60 Hz
			Output	DC 5 V/2 A

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CE **ISO 13485**
Made in Taiwan
Patent M463575

1905V5