



iled_{MAX}

More-focused light output

Wide spectrum High light intensity



1 SEC FOR CURING

Upgraded focused light output

Unique Woodpecker technology of focused light output reduces 55.67% light angle, allowing more concentrated energy and higher curing efficiency.



iLED max with US A brand



iLED max with US B brand

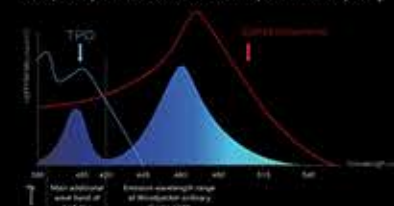
Upgraded light intensity

Two modes for option, with the maximum light intensity of 2200mw/cm², curing 2 mm resin in 1s, which makes it especially suitable for orthodontic brackets, porcelain veneers and post-core adhesives.

Upgraded wide spectrum

The emission wavelength range of iLED plus Wide Spectrum Curing Light is 385nm-515nm, mainly adding the wave band of 385nm-420nm. The additional band can better curing the resin materials containing new-style photoinitiators such as TPO. For example, restoration materials such as Tetric N+ Ceram Bulk Fill (Dyract), Amalgam Plus (Ultradent), and ENA Hri (Moenium). The additional wave band can also reduce the risk of resin shedding and incomplete curing.

iLED plus Spectral Curve and Resin Spectral Absorptivity



The light absorbing peak of traditional materials (containing camphorquinone, the red line above), is 460nm, so the curing can be done both ordinary Curing Light and Wide Spectrum Curing Light. However, the camphorquinone is yellowish and it is not suitable to add large amount of it to bleached resin or light-colored resin. The light absorbing peak of new material (including TPO, the blue line above) is 405 nm, iLED plus owns additional wave band of 385nm-420nm which can better curing these materials. TPO is white and is suitable for being added to bleached resins and light-colored resin.

1SEC FOR CURING

Bring you fresh experience

CONSTANT POWER OUTPUT

Born for teeth restoration

FLUID DESIGN

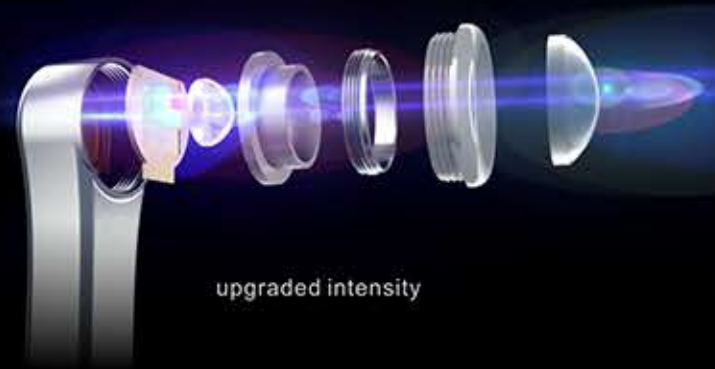
Better hand feeling

360° CURING

Reach every angle

1 SEC. FOR CURING

2mm resin



upgraded intensity

iLED plus



8mm

iLED max



10mm

Metal head

Anti-shock; never cracks

Disposable isolation sleeve

The use of disposable isolation sleeve realizes time-saving disinfection.



Light hood

Studies prove that Blue-ray will cause macular degeneration to retina and eyes. Woodpecker light hood is made of selected quality materials, preventing eyes from Blue-ray injury.



Battery

Woodpecker lithium battery had received CE certification. Our batteries refuse explosion.



Battery is made of high-quality lithium-ion cells, which are safe and reliable. It is certified by CE and RoHS. High-capacity battery.

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only for display