WOODPECKER

The choice of millions of dentists worldwide

iled plus

1SEC FOR CURING

Wide spectrum High light intensity Focused light

Scan and Login website for more information

1SEC FOR CURING

Bring you fresh experience

CONSTANT POWER OUTPUT
Born for teeth restoration

360° CURING
Reach every angle

FLUID DESIGN
Better hand feeling

1 SEC. FOR CURING
2mm resin

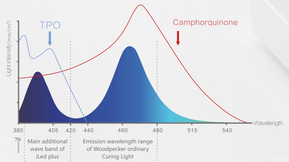
Upgraded light intensity

Two modes for option; with the maximum light intensity of 2300mw/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 (Ivoclar), Amelogen Plus (Ultradent), and ENA Hri (Micerium). 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), is460nm,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 ofnew material (including TPO, the blue line above) is 405 nm. iLed plus owns additional wave band of 385nm-420nm which can better curingthese materials. TPO is white and is suitable for being added to bleached resins and light-colored resin.

Upgraded focused light output

Unique Woodpecker technology of focused light output reduces 55.87% light angle, allowing more concentrated energy and higher curing efficiency.

iLed

iLed plus

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 CB certification. Our batteries refuse explosion.

Batteries produced by unknown manufacturer will easily cause safety accidents.Please visit Woodpecker official website www.glwoodpecker.com, click on video and watch ***Battery High temperature test***.

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