

DLITE 2008

wireless LED curing light



**Intensity >1,000 mwatt/cm2
at wavelength from 400 to 490nm**

**3 working modes
fast, standard and ramp
all are programmable**

**wireless LED curing light
lasts long on
lithium-ion battery**

**lightweight
full metal shrouded**

**guarantee best
price in the market**

**1 year full warranty
2 years parts warranty**
(light guide not included)

To order or for more information
call (86) 25-6660 0508 or
E-mail sales@tds-china.com

Wireless LED Curing Light

High Intensity

TDS wireless curing light uses semiconductors that are subjected to electricity and produce a blue light. It produces the high intensity light ($>1,000 \text{ mw/cm}^2$) at the right working spectrums for resins (wavelength between 400 and 490 nm, optimal absorption zone of photo-initiators used in dentistry is approx. 430 to 470 nm). Its power is greatly superior to that of most halogen lamps and nearly as efficient as plasma lamps, without raising temperature. It emits light in the most efficient part of spectrum, suiting most composites currently available: camphoroquinone (470nm), PPD or PAB (430 nm).

It takes only 4 to 17 seconds to polymerize 2 mm of any composite!



Ease of Use

It's Wireless and light weight (only 7 ounces).

Settings for all the 3 modes (Fast, Ramp and Pulse) are programmable. It is very user friendly and all the operations are interactive. It has self-memory that always remembers last working setting. 300 successive cycles before needing recharge (at least one week's work). No need to check intensity and the intensity will remain constant until the battery in display window flicking



Programmable Settings

You can change the settings for different working modes. There are three working modes: Pulse, Constant and Ramp. By briefly pressing side button will navigate over each mode. The cycle time and duty of pulse can also be set to different values by combination actions of top button and side button



Specifications

Weight: 7 ounces (200g)

Dimension: $\phi 0.9 \times 7.87$ inches ($\phi 23 \times 200$ mm)

Voltage: 100-240v AC

Frequency: 47-63 HZ

Output Voltage: 5V

Output Current: 1.25A

Classification: II IP40

Battery: Lithium-ion 2200mah

Wave Length: 400-490nm

Intensity: 1000 mwatt/cm²

Standards: CE; IEC 60 601-1; 60 601-1-2

TDS
China

www.tds-china.com