

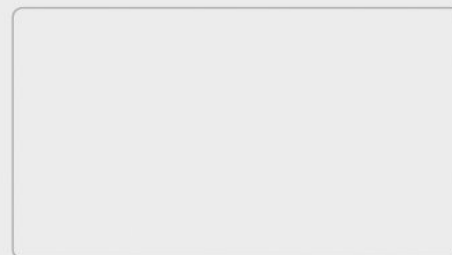
ONE CURE™

Wide Spectrum Curing Expert

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The pictures are only for reference.

ZMN/WI-10-071 V1.1

**The
New Generation
of Curing light**

B-CURE



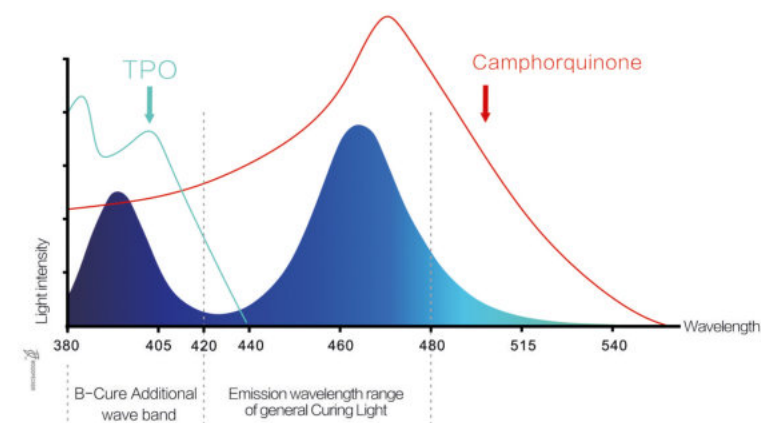
ONE CURE™
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<https://stomshop.pro>

New generation of wide-spectrum LED



Three built-in LEDs in one light, which can achieve an optimal broadband spectrum of 385 to 515 nm that is similar to the spectrum of halogen lights; therefore, new light is suitable for polymerizing the entire range of photoinitiators and materials currently used in dentistry.



The light-absorbing peak of traditional material (including camphorquinone; the red line on the figure) is 460nm, so the curing can be done by either general Curing Light or Wide Spectrum Curing Light. But camphorquinone is of a yellow color. It is not suitable to add large amounts of it to bleaching resin or light-colored resins.

The light-absorbing peak of new materials (including TPO; the green line in the figure above) is 405nm. Compared with general LED Curing Light, B-Cure owns additional 385nm-420nm wave band which is able to better curing this kind of new material. TPO is of white color. Thus it is suitable for adding to the bleaching resin and light-colored resin.



3 seconds for curing

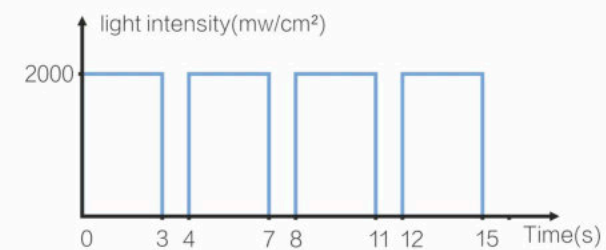
B-Cure is equipped with 5w LED.
The maximum light intensity can reach $2000\text{mw}/\text{cm}^2$ with such a small size.

Curing normal resin that is thicker than 2mm in three seconds.

Play an important role in cementation of all-ceramic restoration and orthodontic bracket.

Ortho mode

In the ortho mode that is unique to B-Cure, the light intensity automatically adjusts to $2000\text{mw}/\text{cm}^2$. The user can set the single curing time for 3s or 5s, and the device will automatically conduct 10 circles of curing with interval of 1s. One operation can basically finish the cementation of 2 to 3 brackets, which reduces operations and improves efficiency.



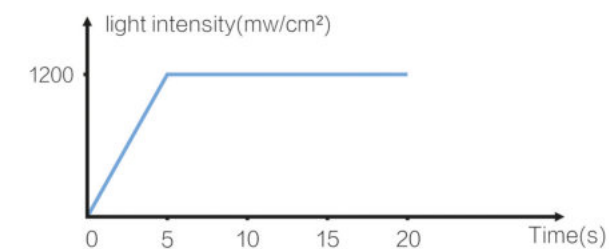
10 cycles with an interval of 1s after each cycle;
Time setting for each cycle can be 3s or 5s.





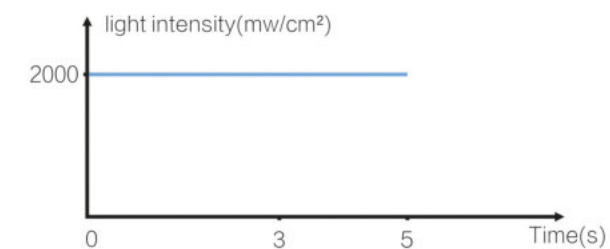
Soft mode

Under Soft mode, the power of LED gradually increases, giving a longer gel period for resin to reduce the edge discomfort caused by stress contraction of resin.



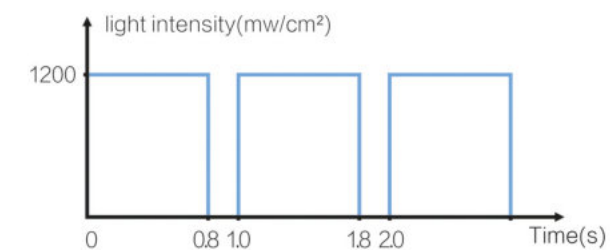
Light intensity increases from 0 mw/cm² to 1200 mw/cm² in 5 sec. Time setting: 5s, 10s, 15s and 20s.

Turbo mode



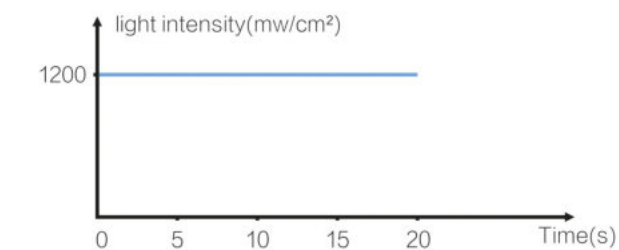
Constant high intensity of 1800–2000 mw/cm²; Time setting: 3s and 5s.

Pulse mode



Continuous cycle of 1s, including the working time of 0.8s and an interval of 0.2s; Time setting: 5s, 10s, 15s and 20s.

Normal mode



Constant intensity of 1000–1200 mw/cm²; Time setting: 5s, 10s, 15s and 20s.

Designed for comfort

Optimized Optical Fiber

Can be autoclaved under 134°C high temperature and 0.22MPa high pressure, effectively avoiding cross infection.



Continuous power supply

The battery is easy to change by pressing the button on the device. And the battery can be charged separately by putting it on the charger. Two original batteries can keep the device working continuously.



More human-friendly design

B-Cure adopts ergonomic design with smooth lines and small size. Doctors can easily hold it.



LED display screen , better visibility

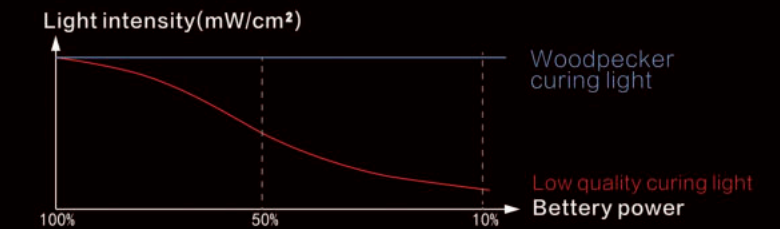
Clear vision at a glance.

Parameters

Power input: AC100V-240V 50Hz/60Hz
Light intensity:1000mW/cm²-2000mW/cm²

Constant light intensity

Constant light output .
Solidification effect will not be affected by the consumption of remaining power .



△ Tests have shown: curing light without constant light intensity will cause incomplete solidification to the bottom of resin when power drop to about 60%.

Light hood

Studies prove that Blue-ray will cause macular degeneration to retina and eyes.

Woodpecker light hood is made of selected quality materials, rejecting Blue-ray injury .

