



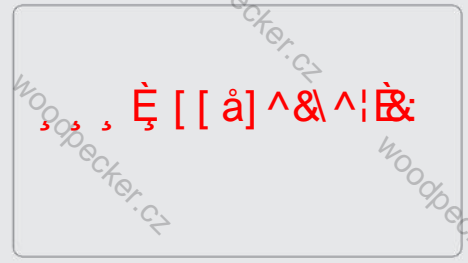
ONECURE™

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B-CURE

Wide Spectrum Curing Expert



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3 seconds for curing

B-Cure is equipped with 5w LED.

The maximum light intensity can reach 2000mw/cm² 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.

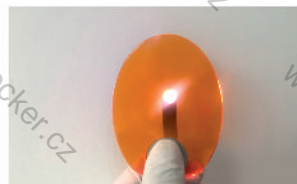




Light hood

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 .



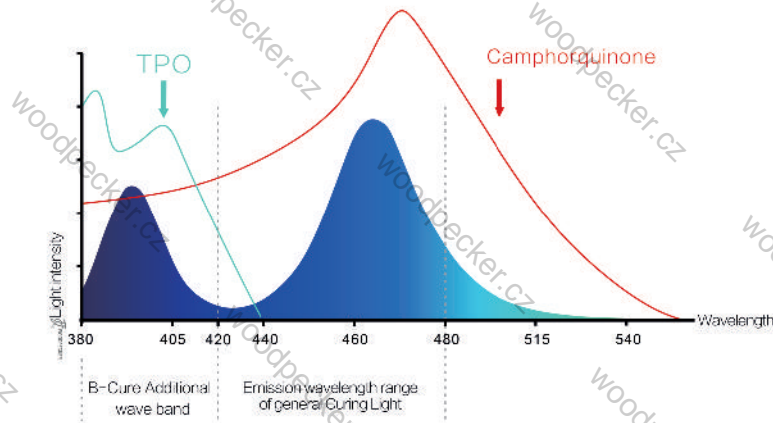
More human-friendly design

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



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 bracket, which reduce operations and improves efficiency.



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.





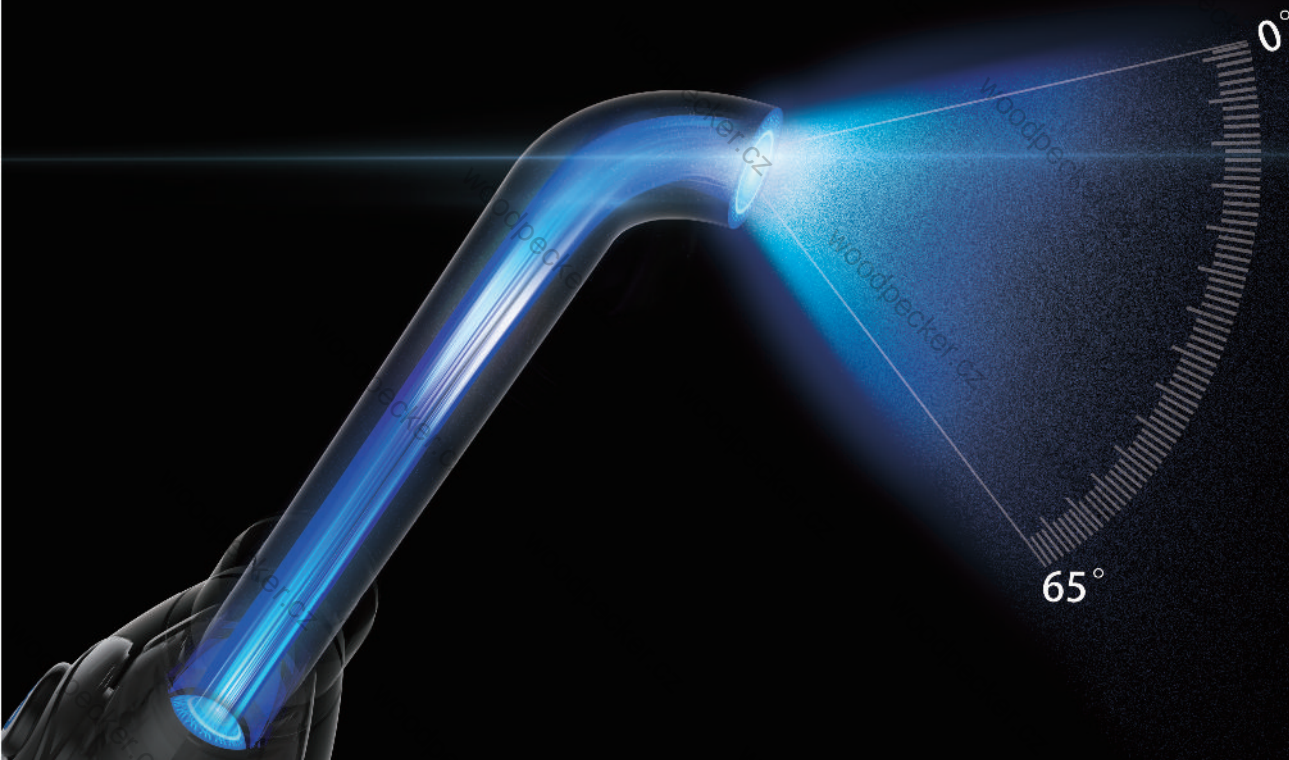
LED display screen, better visibility

Clear vision a glance.



Progressive mode

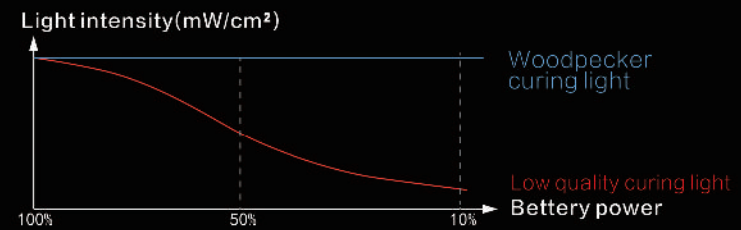
Under progressive mode, the power of LED gradually increases, giving a longer gel period for resin to reduce the edgediscomfort caused by stress contraction of resin.



Constant light intensity, smaller angle.

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%.

Optical Fiber

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



Parameters

Power input: AC100V-240V 50Hz/60Hz
light intensity: 900mW/cm²-2000mW/cm²