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ONECURE™

**O-Star**  
 WIDE-SPECTRUM CURING LIGHT  
 ULTIMATE CURING EXPERT

All-Metal Body  
 1 Sec Curing  
 Built-in Light Meter  
 Uniform and Collimated Beam  
 7 Modes in Total

**WOODPECKER Curing Light**

16 years of professional technology  
 38 national patents  
 Global sales over 1.5 million units  
 Pioneering Curing Light expert in China

**SMALL BUT POWERFUL  
 MAKING A BIG DIFFERENCE**

Full-metal body, ergonomically-streamlined design,  
 without tiredness from long-time holding  
 108g main unit,  
 light but strong, anti-shock and durable

**7 MODES TO FULLY MEET A VARIETY OF CLINICAL NEEDS**

Like an all star, O-Star is strong in performance, well-controlled and can fully meet various clinical needs.  
 Normal High Turbo Ortho Soft Pulse Check

**Normal Mode**

Constant light intensity:  
 1000-1200mw/cm<sup>2</sup>  
 Suitable for most treatment scenarios,  
 such as fillings, restorations, etc.  
 Time setting: 5s, 10s, 15s, 20s

**High Mode**

Constant light intensity:  
 1800-2000 mw/cm<sup>2</sup>  
 Suitable for quick curing,  
 ensuring enough curing depth.  
 Time setting: 3s, 5s

**Turbo Mode**

Time setting: 1s, 3s  
 2700-3000mw/cm<sup>2</sup>  
 Ultra-high light intensity enables  
 1 sec curing of 2mm resin.

**Ortho Mode**

Time setting: 3s\*5, 3s\*10  
 2700-3000mw/cm<sup>2</sup>  
 High light intensity with  
 strong penetrability,  
 especially suitable for  
 orthodontic bracket bonding

**Soft Mode**

Light intensity is gradually increased  
 from 0 to 1200mw/cm<sup>2</sup>  
 Time setting: 5s, 10s, 15s, 20s  
 Effectively reduce the  
 shrinkage rate of resin.  
 Lower the risk of microleakage

**Pulse Mode**

The LED will stop for 0.4s at an  
 interval of 0.6s curing.  
 When working in a cycle of treatment,  
 it can effectively reduce heat generation,  
 efficiently dissipate heat and ensure  
 the comfort of diagnosis and treatment.  
 Time setting: 5s, 10s, 15s, 20s.

**Check Mode**

This mode outputs a single  
 purple light. When special glasses  
 are worn, the curing area  
 obviously orange-red.  
 Application: Detection of caries,  
 calculus and tracked tooth

**UNIFORM BEAM, STRONG PENETRABILITY**

More-focused light output thanks to light angle of only 15.8°,  
 ensuring good deep curing effect.

Curing distance (cm)	Light source	Light spot length (cm)	Light spot width (cm)	Light spot area (mm <sup>2</sup> )	Light spot area ratio	Light angle
5	Woodpecker	38	38	1444	-14.1%	15.80°
	Valo Cordless	41	41	1681		17.38°
	Power Cure	67	67	5941.665	253.5%	37.95°

**LESS LIGHT LOSS**

The light intensity of Curing Light will be reduced when the curing distance increases.  
 Compared to other Curing Lights, O-Star undergoes less light loss.

Device	100% - 6mm	75% - 4mm	50% - 2mm	25% - 1mm
O-Star	100%	78.9%	52.2%	25.0%
VALO Cordless	100%	73.5%	48.1%	24.2%
Bluephase PowerCure	100%	73.9%	52.0%	25.0%

**CHARGING BASE WITH BUILT-IN LIGHT METER**

There is a light meter built in the charging base.  
 Accurate light intensity is required for efficient polymerization of the resin,  
 bringing you and your patients the best treatment experience.

**360° ROTATABLE HEAD MEETING VARIOUS CLINICAL NEEDS**

360° rotatable head, easy to illuminate all angles in the mouth  
 The low-profile head can easily reach the posterior teeth.  
 The patient only needs to open the mouth slightly and enjoy comfortable treatment.

**WIDE SPECTRUM CURING LIGHT  
 CAN CURE ALL RESIN MATERIALS ON THE MARKET.**

Camphorone (CO) is used as photoinitiator in most of the resins on the market,  
 but some resins use two kinds of new photoinitiators, i.e. TPO or Ivocerin.  
 The main absorption wavelength of these three kinds of resins is 385-515nm.  
 With a wavelength range of 385-515nm,  
 O-Star is suitable for effective curing of most resins on the market.

Indicates: This photoinitiator can better absorb light at this wavelength.  
 Note: The data comes from the official website of Ivoclar Vivadent.

**UNPRECEDENTED CURING LIGHT  
 INCORPORATING VARIOUS STRENGTHS**

**LIGHT INTENSITY UP TO 3000 MW/cm<sup>2</sup>**

The high light intensity brings sufficient curing depth,  
 which can reduce the curing time and greatly improve the efficiency of resin curing.

Equipped with 10wLED  
 Light intensity up to 3000 mw/cm<sup>2</sup>, bringing you full confidence in curing