

## 6 Advantages To Eliminate Thousands Of Bacteria



### Intelligent Control System

According to the size of the space (automatically set by the system or manually set), the system calculated the amount of hydrogen peroxide and disinfection time automatically.

### Double Nozzle Symmetrical Design

Double nozzles, spray disinfection solution at the same time.

### Disinfectant Adopts Spray-type Design

The hydrogen peroxide liquid is dry atomized by high pressure without heating, the spraying speed is faster, the range is wider, and the disinfection efficiency is higher.

### Good Diffusibility

Spraying out nano-scale dry atomized particles, evenly spreading to the entire room space, staying for long time, no sanitary blind corners, and no visible liquid on the surface of the object

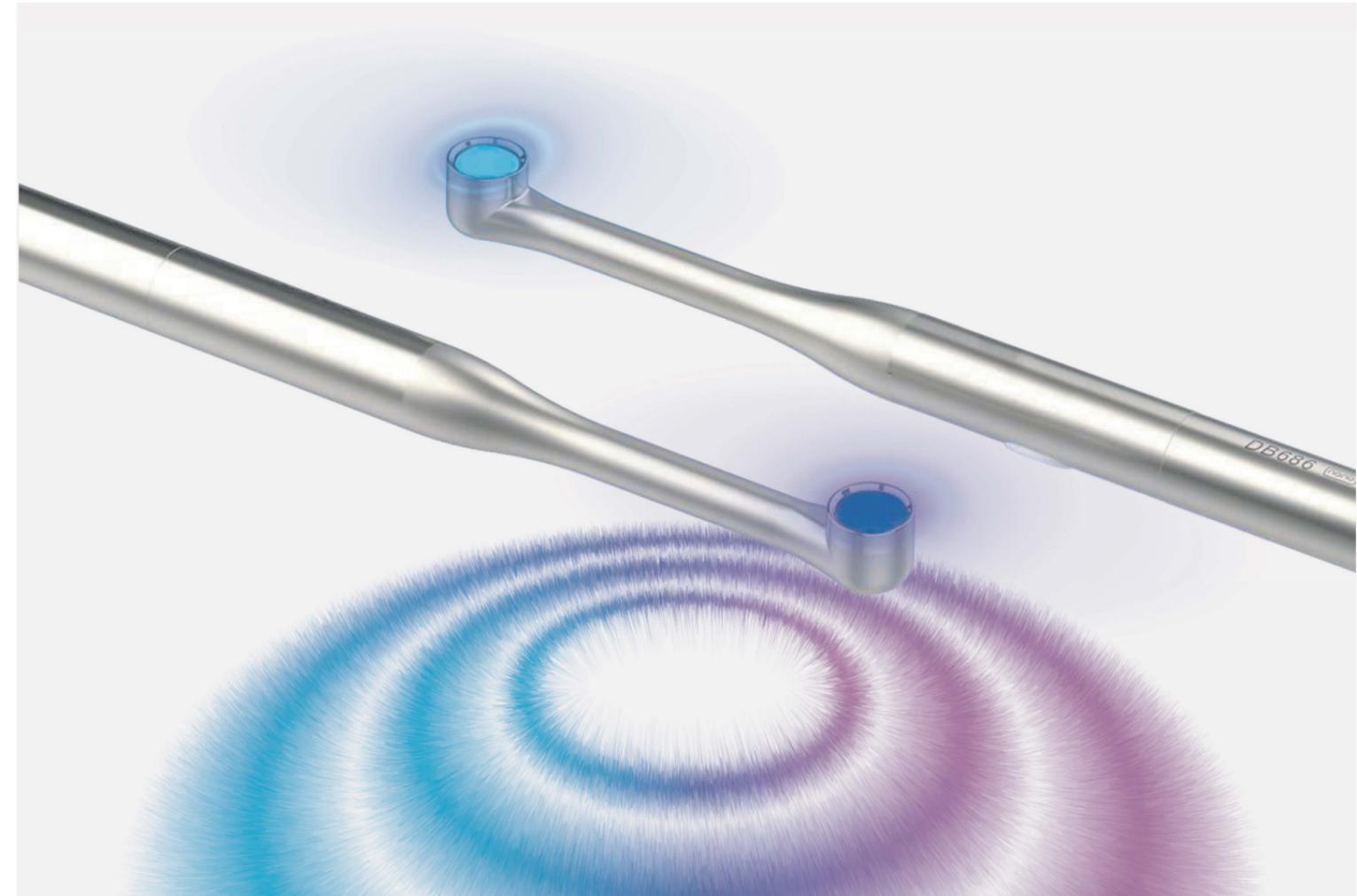
### Air Disinfection Effect Of Natural Bacteria

Air disinfection effect of natural bacteria  $\geq 90\%$ , (when using 5.49% hydrogen peroxide solution).  
Air disinfection effect of natural bacteria  $\geq 99.9\%$ , (when using 7.82% hydrogen peroxide solution).  
Air disinfection effect of Staphylococcus albicans  $\geq 99.9\%$ .

### Short Disinfection Time

The disinfection time of 20m<sup>3</sup> space is  $\leq 3$  minutes. Considering 20m<sup>3</sup> as a calculation unit, the disinfection time is increased by proportional increase on space. After the a few minutes, the residual concentration of hydrogen peroxide is less than 1ppm.

## LED CURING LIGHTS



## DB686 NanoLED curing light

Small, just right; Use, just handy.

Small body, powerful function;  
light curing and caries detection 2 in 1



**Model: DB 686**  
**Order name: DB686 Nano**

**Technical:**

Adapter: AC100-240V, DC5V/1.5A, 50/60Hz

**Light curing mode:**

Wavelength: 380-520nm

Curing time: 10s/20s

Curable depth: 8mm

**Caries detection mode:**

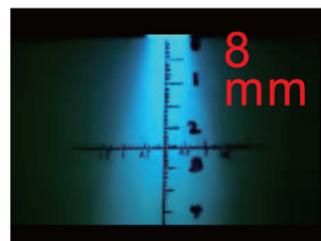
Wavelength: 380-420nm

Light power: 40-280mw/cm<sup>2</sup>

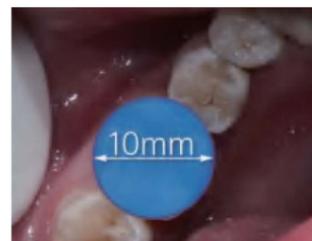
LED light  
measure system



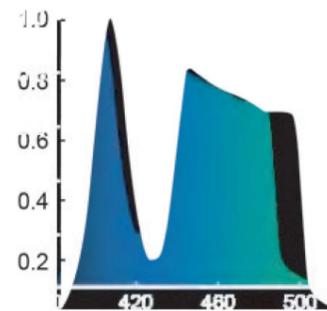
Ultra-small all-metal body  
outer diameter of only 13.5mm



8 mm deep curing depth  
Curing effect into every corner



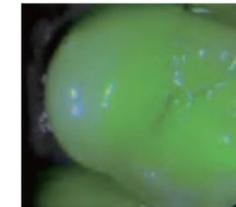
10mm diameter  
large area light emission



Wavelength: 380-520nm  
Suitable for most of the resins  
in the market

Detection mode:

Simple, Effective Innovative caries detection

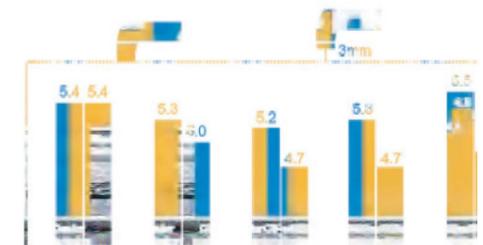


Green: Healthy



Red: Bacterial dentin

Nano can maintain strength even if  
it is not focused on the center.  
Curing at any angle can also ensure the effect



corded



Style A  
Input: AC12-24V

wireless



free

Connecting the main unit to use  
as cord style with adaptor.  
Free Coupling For Corded Use

Order name: DB686-1b

**Feature:**

- 1-Dental special high power LED
- 2-High articulation optical fiber
- 3-Three working modes: strong, gradually strong, flashing
- 4-Optional working time: 10sec, 15sec, 20sec
- 5-Automatic inactive, automatic power off
- 6-Low battery alert
- 7-Super capacity battery
- 8-Membrane pushbutton, soft feel

This product has been applied layout-design patent,  
Counterfeit must be investigated; NO.ZL201073052828.2

**Application:**

Solidify all brands of resin materials.

**Technical:**

Charger working voltage: AC100-240V, 50/60Hz

wavelength: 420-480nm

Solidification time and depth: 5s/3mm

Volume(cm) 23X13X5.5

Weight(kg)/PCS 0.6

Packing material carton

QTY per master carton 10 pc/ctn



# CURING LED.D



## Light intensity updated 5 seconds for curing

- Wireless. The battery can be replaced.
- Three working modes: Full, Ramping, Pulse.
- Time setting: 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s. A full charge can be used for over 400 times. (10s/time)
- Constant light intensity, the solidification effect is not affected by the consumption of remaining power.
- With wire or wireless. It can run directly on commercial power supply whilst the battery runs out.



Industrial design patent No.: CN 200930300230.X

Power input AC100V-240V 50Hz/60Hz  
 Light output 850mW/cm-1600mW/cm2  
 Net weight 143g  
 Dimensions 264mmx32mmx37mm



**AJJ**  
 HEALTHCARE MANAGEMENT PTE LTD



# CURING O-STAR



## 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

### 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

## 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	87	87	5941.665	253.5%	37.95°

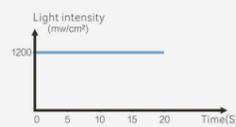


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HEALTHCARE MANAGEMENT PTE LTD

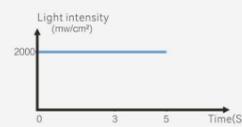
## 7 MODES TO FULLY MEET A VARIETY OF CLINICAL NEEDS

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



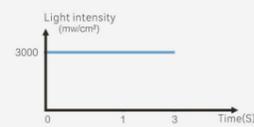
### Normal Mode

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



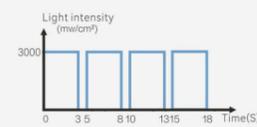
### High Mode

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



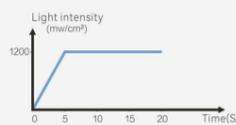
### Turbo Mode

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



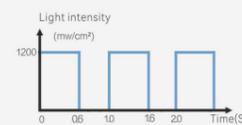
### Ortho Mode

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

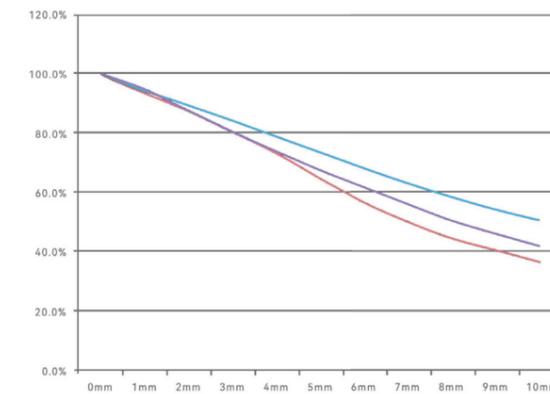


### Check Mode

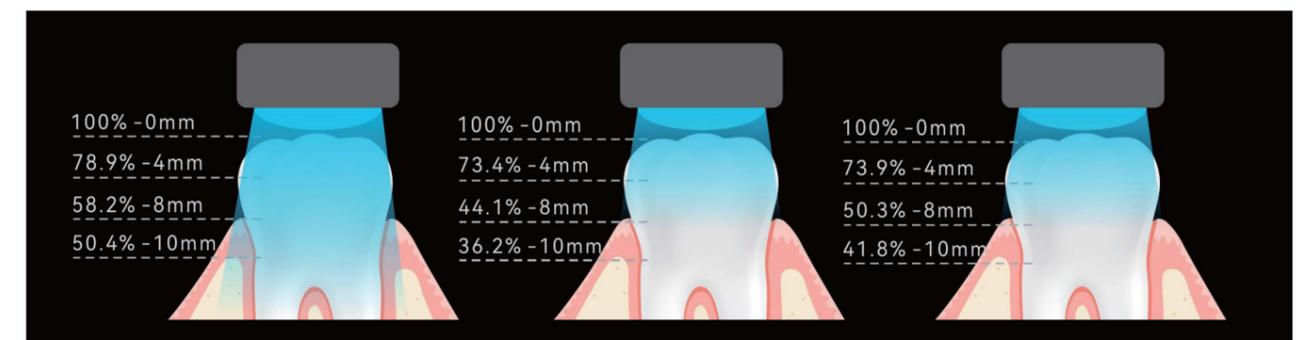
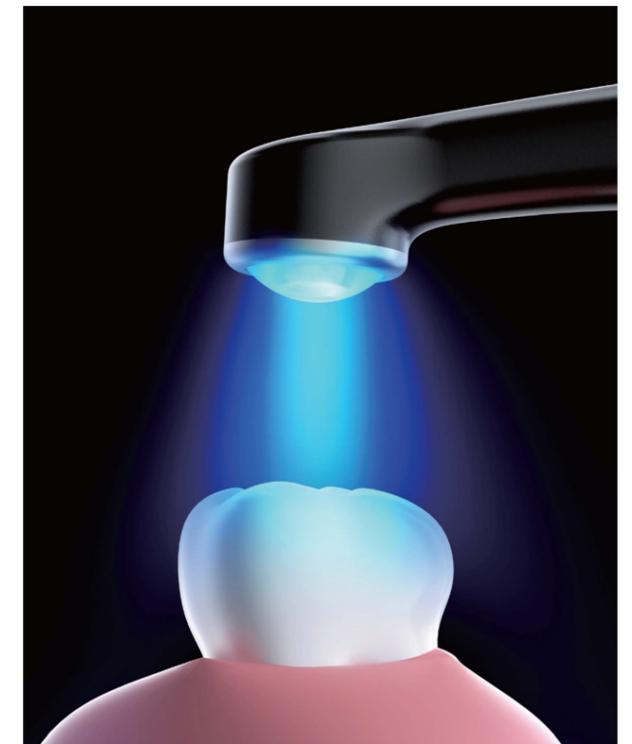
This mode outputs a single  
purple light. When special glasses  
are worn, the caries are  
obviously orange-red.  
Application: Detection of caries,  
calculus and cracked tooth

## 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.



O-Star  
VALO Cordless  
Bluephase PowerCure



## LIGHT INTENSITY UP TO 3000 MW/cm



The high light intensity brings sufficient curing depth, which can reduce the curing time and greatly improve the efficiency of resin curing. Equipped with 10w LED light intensity up to 3000 mw/cm<sup>2</sup>, bringing you full confidence in curing

## CHARGING BASE WITH BUILT-IN LIGHT METER

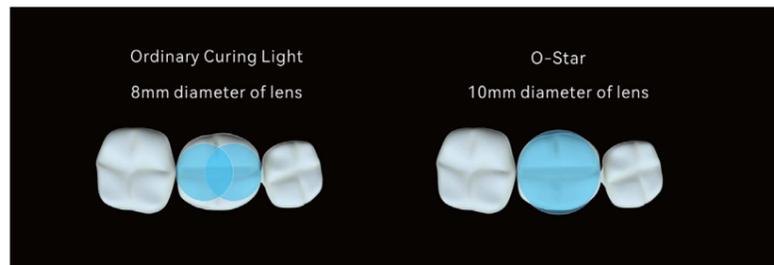


There is a light meter built in the charging base. Accurate light intensity is required for efficient polymerization of the resin, bringing you and your patients the best treatment experience.



SIMPLE TWO-BUTTON DESIGN ENABLES EASY OPERATION.

Equipped with OLED screen, the mode, light intensity and time can be clearly displayed to avoid clinical errors.



UNPRECEDENTED CURING LIGHT INCORPORATING VARIOUS STRENGTHS

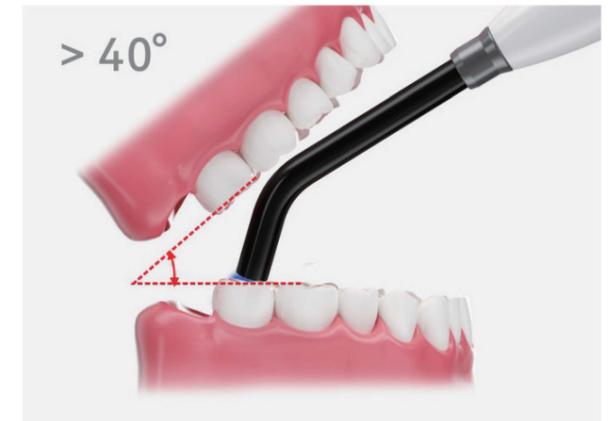


## 360° ROTATABLE HEAD MEETING VARIOUS CLINICAL NEEDS

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.



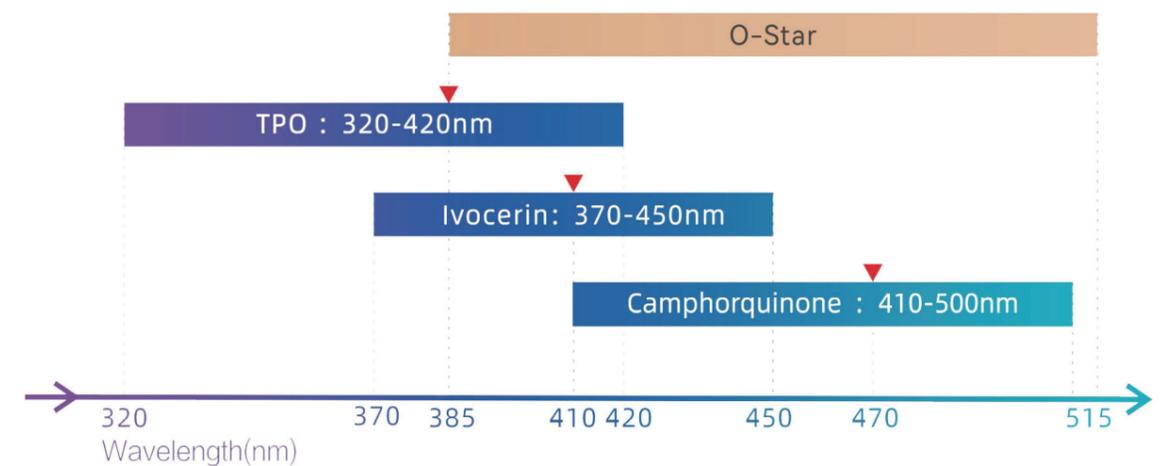
O-Star



Ordinary light guide

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

Camphorone (CQ) 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 range.

Note: The data comes from the official website of Ivoclar Vivadent.