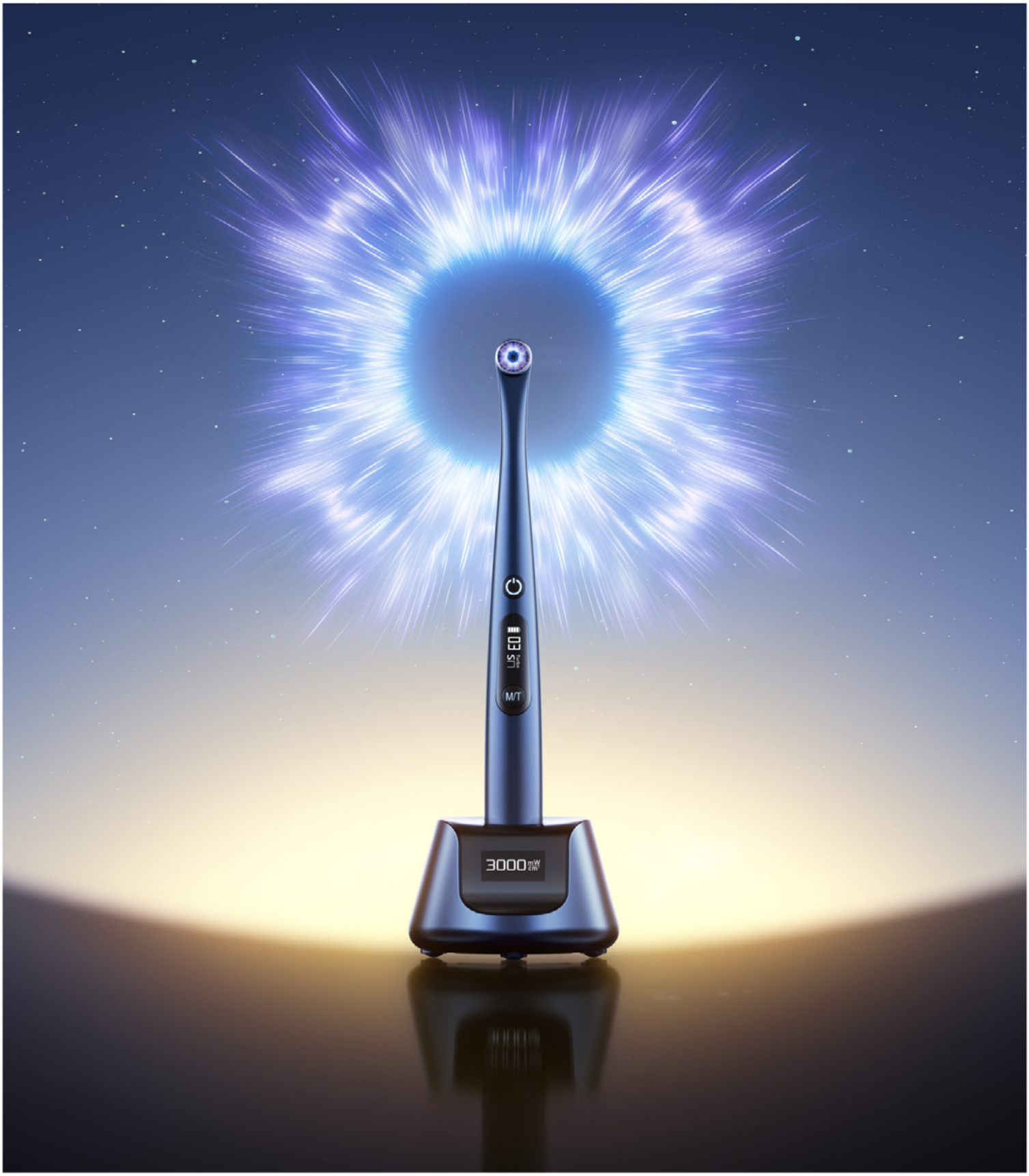
ONE CURE™

# X-Star

Unlimited Curing Solution



# EADY FOR ANY CLINICAL SITUATION

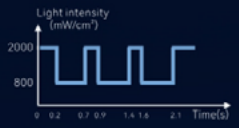
## All-in-One Solution with 8 Working Modes

### Diagnosis Mode

Emits white light for additional lighting in the posterior area, detecting cracked teeth, distinguishing between natural teeth and dentures, and comparing resin and tooth colors.

Long press the Standby button in any interface to start the white light diagnosis mode

### High Mode




**Less Heat**

The light is output in a periodic flashing manner, with a maximum light intensity of 1800-2000mW/cm².

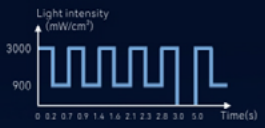
### Turbo Mode




**Less Heat**

The light is output in a periodic flashing manner, with a maximum light intensity of 2700-3000mW/cm².

### Ortho Mode




**Less Heat**

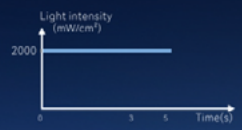
The light is output in a periodic flashing manner, with a maximum light intensity of 2700-3000mW/cm².

### Normal Mode




**Less Heat & STD Heat**

Constant light intensity: 1000-1200mW/cm²




**STD Heat**

Constant light intensity: 1800-2000mW/cm²




**STD Heat**

Constant light intensity: 2700-3000mW/cm²




**STD Heat**

Constant light intensity: 2700-3000mW/cm²

### Soft Mode




**Less Heat & STD Heat**

Light intensity is gradually increased from a weak level to 1200mW/cm²

### Pulse Mode




**Less Heat & STD Heat**

The light is output in a periodic flashing manner, with a maximum light intensity of 1000-1200mW/cm².

### Check Mode








## Less Heat for Gentle Care

Pulsed output mode Less Heat.
In Less Heat, while ensuring the curing depth of ≥4mm in just 10 seconds, the temperature is significantly lower compared to the constant output (STD Heat).

It has obvious advantages for vital pulp that requires low-temperature curing, or for scenarios like long-time curing and the occasions needing less heat generation from the irradiated area.

- Protect the patient's dental pulp
- Prevent burns to the oral mucosa or soft tissues
- Provide patients with better treatment experience




### Φ12mm Lens Diameter

Provides a larger single exposure area, reducing the number of exposures needed and enhancing curing efficiency



X-Star
12mm Lens Diameter



Ordinary Curing Light
8mm Lens Diameter

### 13 LED Chips

1 violet, 8 blue, and 4 white chips, preventing uneven spots and dark areas.



### Upgraded Light Head

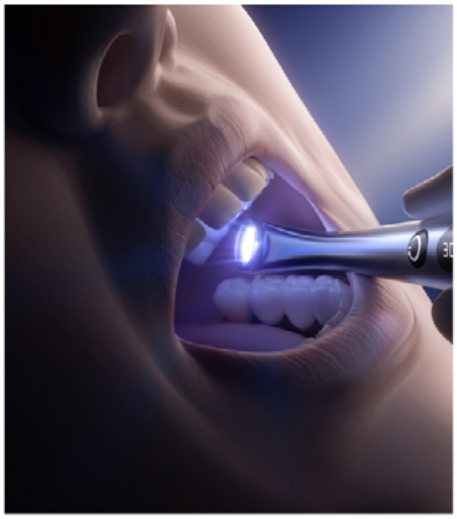
Light head 10mm longer than O-Star, making it easy to reach all corners of the mouth

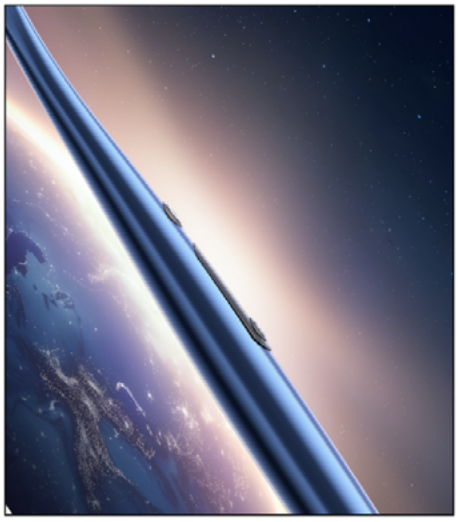
### Aerospace-grade Aluminum Body

Built to last with enhanced impact and wear resistance.

### Intuitive Control

Dual Buttons + OLED Screen
Avoid clinical errors





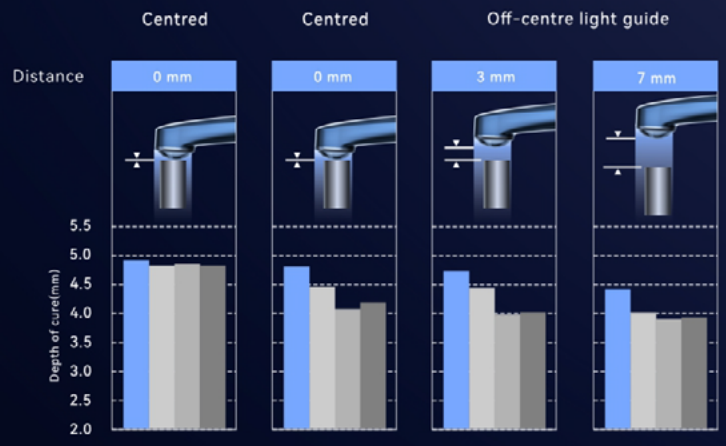


# POWERFUL PENETRATION FOR EFFORTLESS CURING

At a 10mm irradiation distance, the light angle is only 8.5°,
providing a more concentrated light for deeper curing depth.

With its larger lens diameter, uniform light output,
and exceptional penetration capability,
the X-Star ensures reliable performance even in challenging light positioning scenarios.
It compensates for slight movements during the curing process,
delivering a high curing depth.

## Depth of cure(mm) for various positions




Samples of Kerr Neofil™ Dental composite resin materials for restorative applications,Shade A3, were cured for 20 seconds at differentcuring light positions.

- X-Star
- Competitor-A
- Competitor-B
- Competitor-C

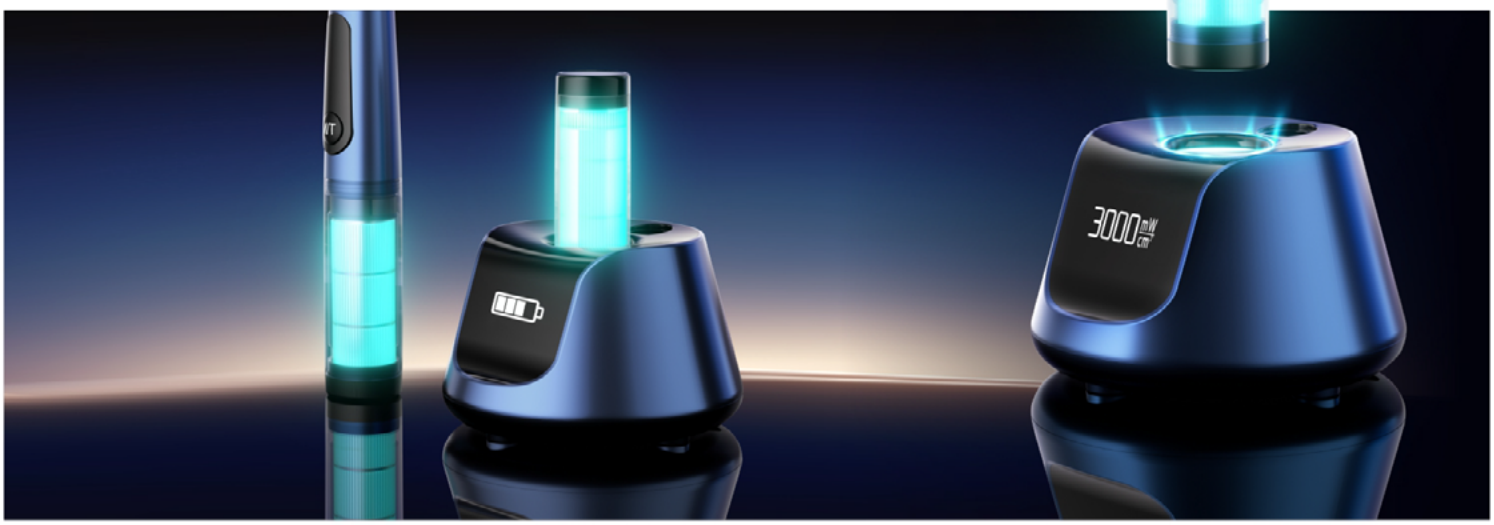


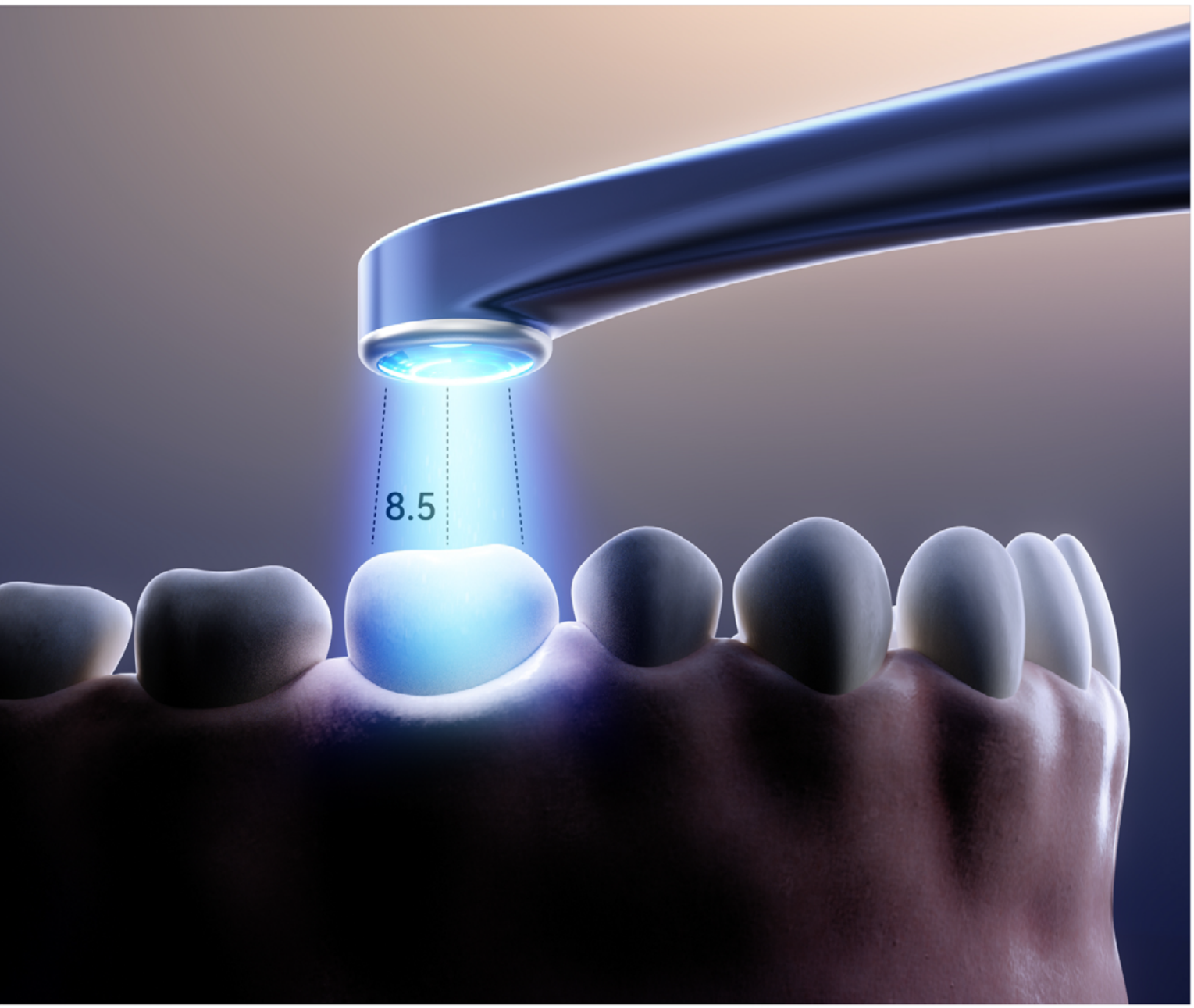
## Spare Batteries

Dual replaceable batteries ensure
long-lasting operation.
Battery can be charged wirelessly on the base.

## Wireless Charging Base With Built-in Light Meter

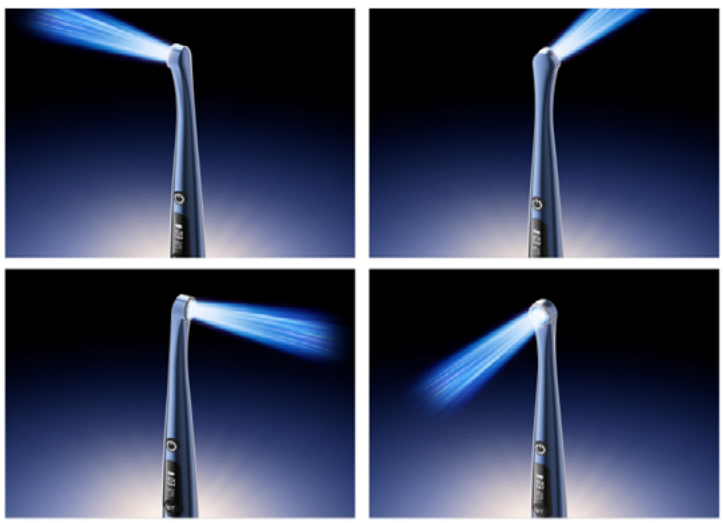
Ensure accurate light
intensity for efficient
resin curing.






## Wireless Charging Base With Built-in Light Meter

Ensure accurate light intensity for efficient resin curing.





### Point Cure Lens

Can be used for local curing, such as porcelain veneers. It's also suitable for checking tooth cracks in Diagnosis Mode.



### Diffuser Lens

Under Check Mode or Diagnosis Mode, it can work for operations like caries detection or auxiliary illumination.



### Slim Point Cure Lens (Optional)

Suitable for curing in narrow spaces, such as curing fiber posts or fluid resin inside cavities.



### Ball Tip Point Cure Lens (Optional)

Ideal for interproximal curing, improving curing efficiency.



### Deep Access Cure Lens (Optional)

Designed for curing in hard-to-reach areas, such as distal surfaces and posterior teeth.

+ Info

## SPECIFICATIONS

| | |
|---|---|
| Wavelength | 380nm-515nm |
| Light Intensity | 1000-3000mW/cm² |
| Light Head | 360°rotatable metal light head |
| Power | 15W |
| Chip | 8 blue, 1 violet and 4 white LED chips |
| Lens Diameter | 12mm |
| Irradiation Area | 113mm² |
| Handpiece Weight | 108g |

| | |
|---|---|
| Handpiece Material | Aerospace-grade Aluminum Body |
| Battery Capacity | 2000mAh×2 |
| Charging Base | Wireless charging base with built-in light meter, LCD screen displays light intensity value |
| Battery Life | 10 seconds/cure, two batteries for a total of 1200 uses |

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