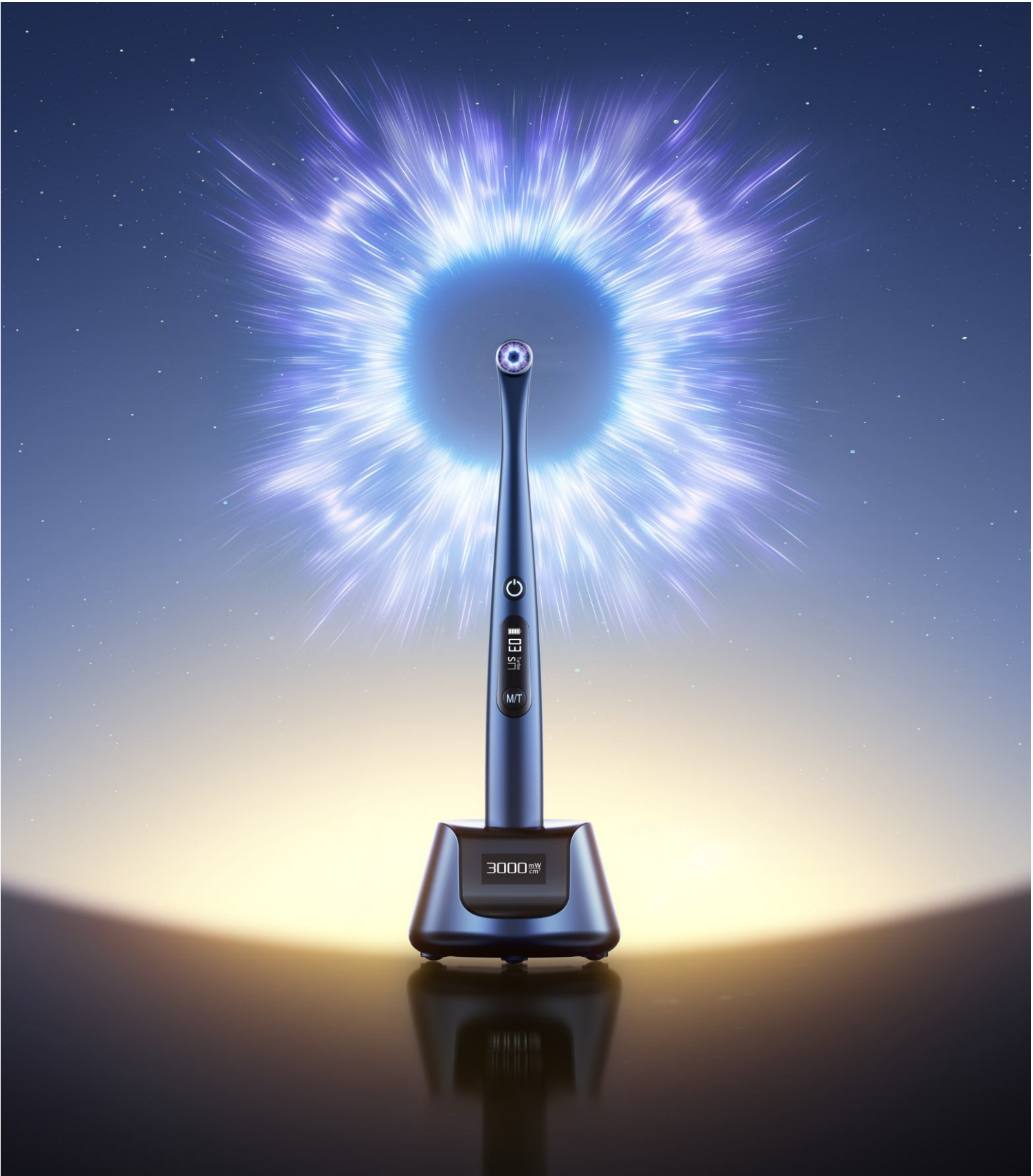


X-Star

Unlimited Curing Solution



INNOVATION IN EVERY DETAIL

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.



READY 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.

STD Heat
Constant light intensity: 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.

STD Heat
Constant light intensity: 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.

STD Heat
Constant light intensity: 2700-3000mW/cm²

Normal Mode

Less Heat & STD Heat
Constant light intensity: 1000-1200mW/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

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

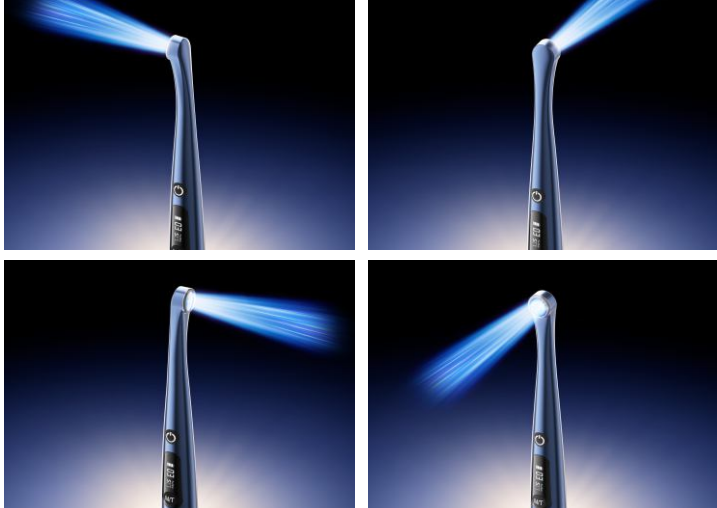
Distance	Centred		Off-centre light guide	
	4 mm	8 mm	1 mm	2 mm
5.5	4.5	4.5	4.5	4.5
5.0	4.5	4.5	4.5	4.5
4.5	4.5	4.5	4.5	4.5
4.0	4.5	4.5	4.5	4.5
3.5	4.5	4.5	4.5	4.5
3.0	4.5	4.5	4.5	4.5
2.5	4.5	4.5	4.5	4.5
2.0	4.5	4.5	4.5	4.5

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

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

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.



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 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

Gullin Woodpecker Medical Instrument Co.,Ltd.
Information Industrial Park, Gullin National High-Tech Zone, Gullin, Guangxi, 541004 P.R. China
Sales Dept.: +86-0773-5873196/2350599
After-sales Service Dept.: +86-0773-5827898
E-mail: woodpecker4@glwoodpecker.com
Website: http://www.glwwoodpecker.com

DISTRIBUTED BY:

