

O-Star Pro

Master of Uniform Cure



Uniform Beam Wide-Spectrum 1 Sec Curing 7 Modes for Option Built-in Light Meter

SPECIFICATIONS

Wavelength:	385nm-515nm
Maximum Light Intensity:	3000mW/cm ²
Light Head:	360°rotatable metal light head
Power:	10W
LED:	24 blue and 5 violet LED chips
Lens Diameter:	10mm
Irradiation Area:	78mm ²
Handpiece Weight:	108g
Handpiece Material:	Aluminum Alloy (all-metal body)
Battery Capacity:	2000mAh
Charging Base:	Wireless charging base with built-in light meter, LCD screen displays light intensity value
Battery Life:	10 seconds/cure, can be used 1000 times

ONECURE™

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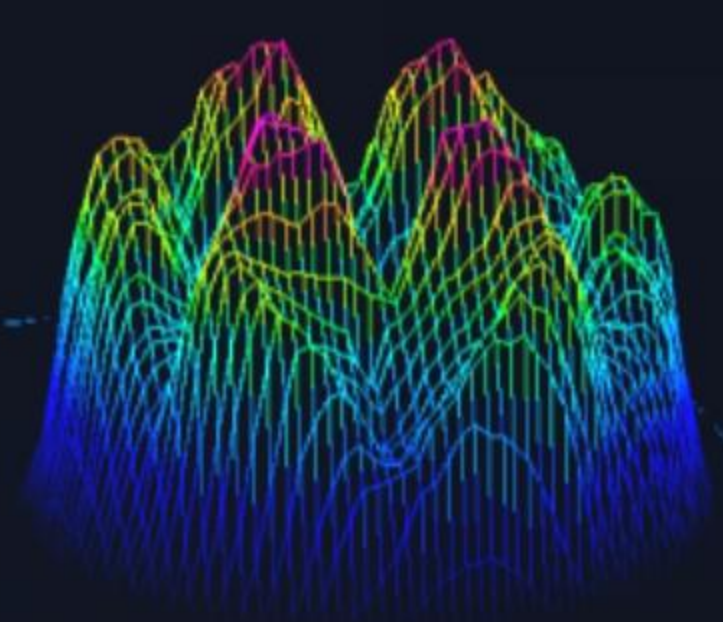


UNIFORM BEAM BRINGS
BETTER CURING EFFECT

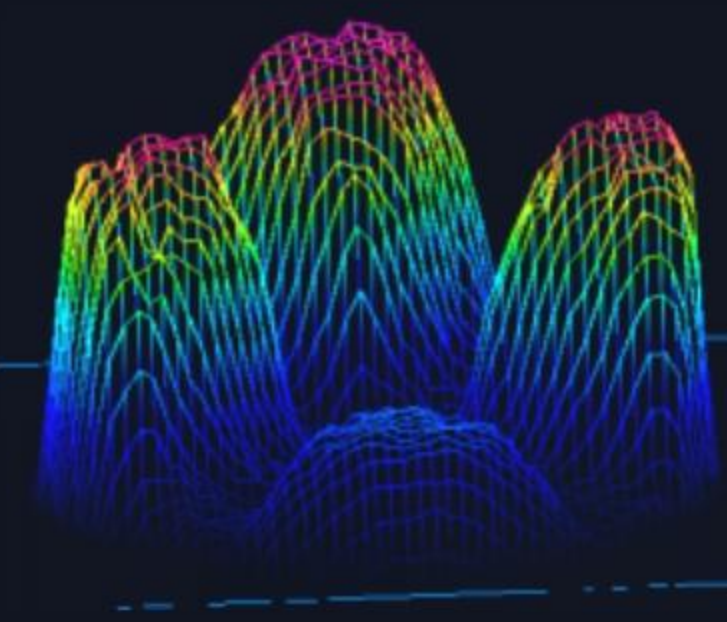
O-Star Pro employs
29 blue and violet LED chips
arranged in a mixed and interleaved pattern.



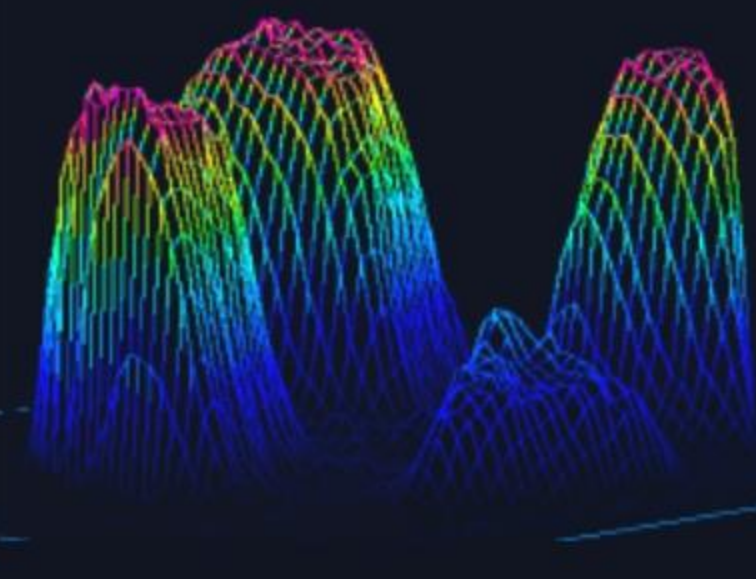
Uniform beam promotes
complete photoinitiator reaction
within the resin, enhancing
resin curing effectiveness.



O-Star Pro



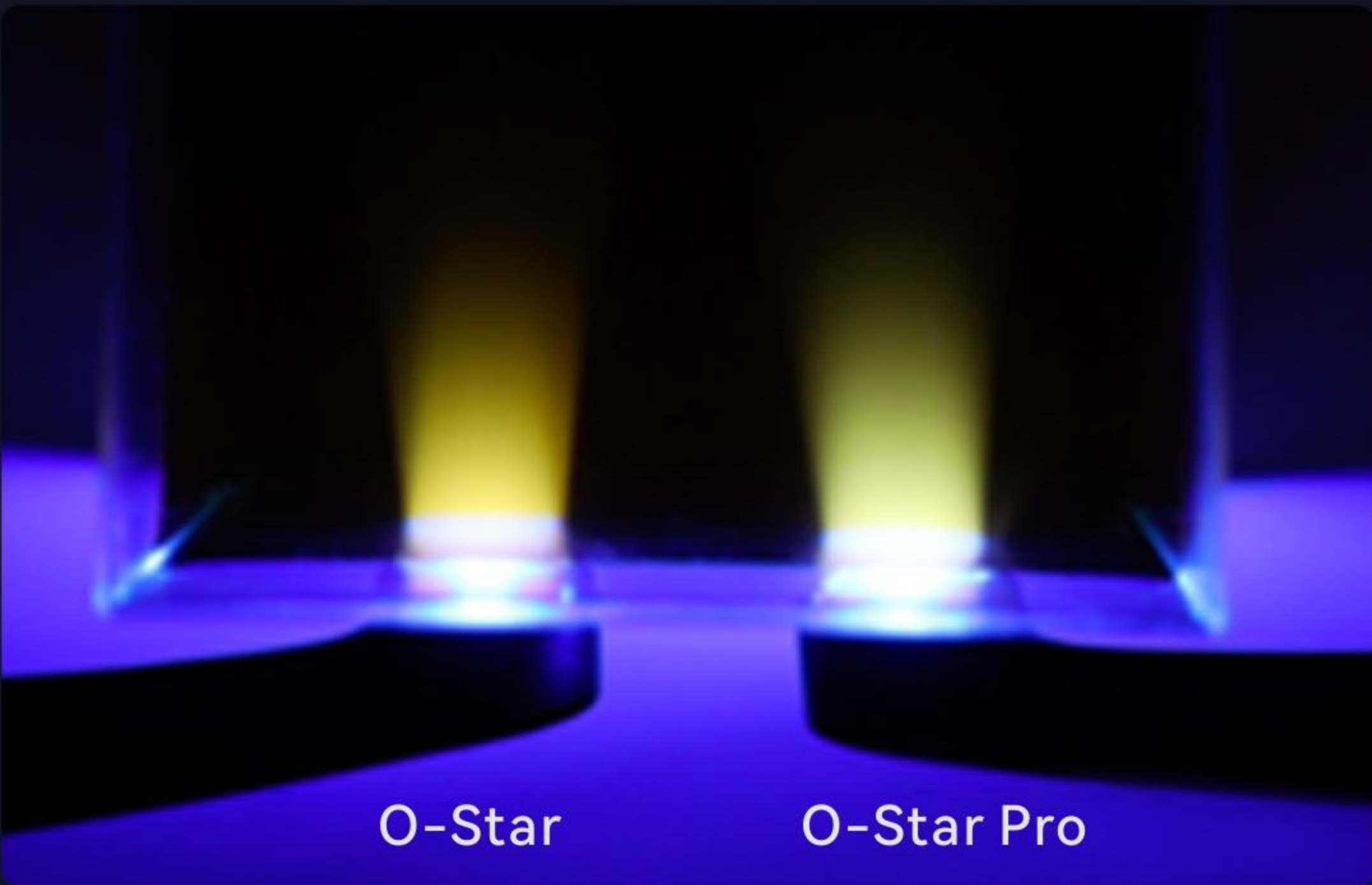
O-Star



US V Brand

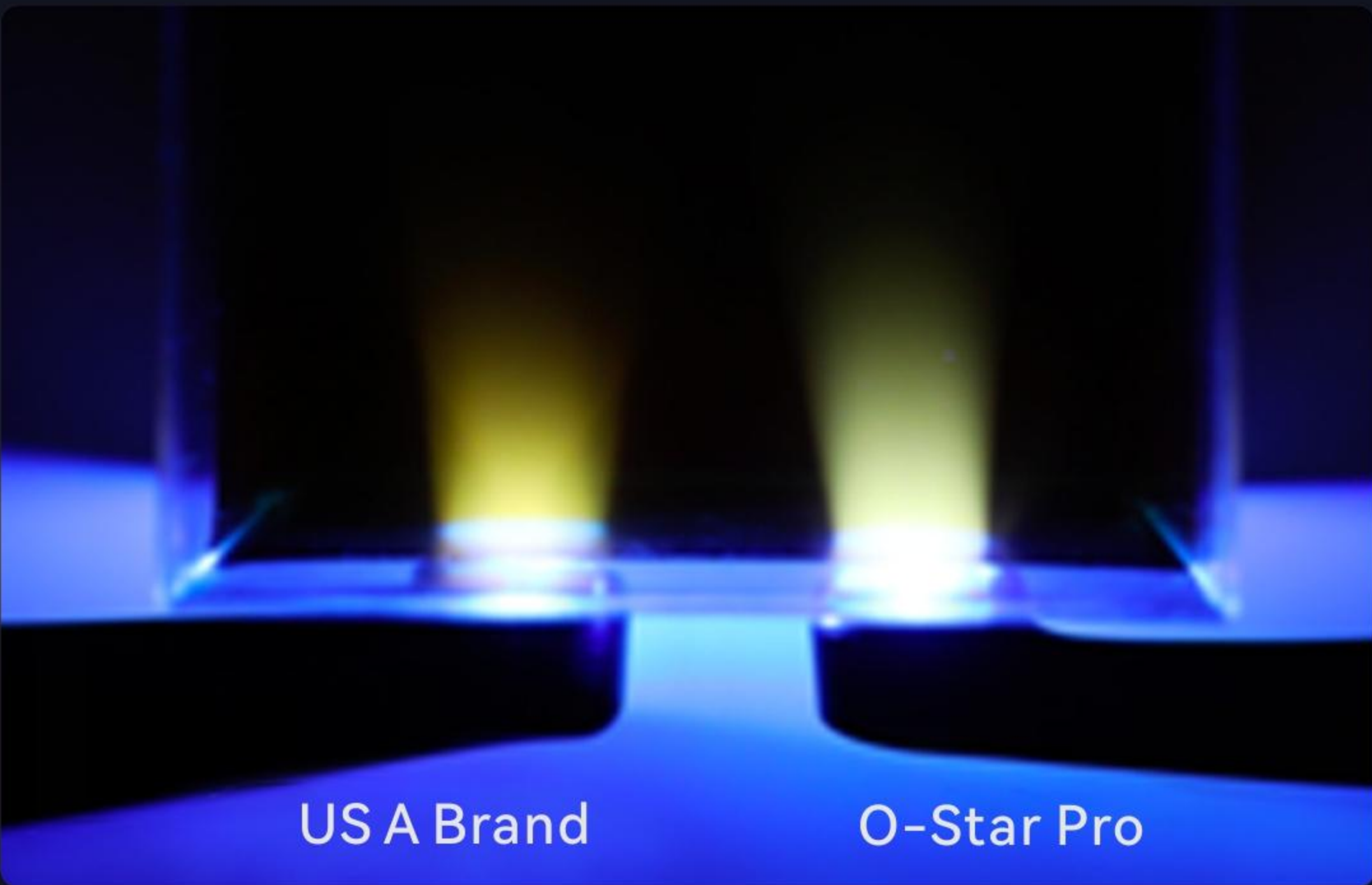
EXCEPTIONALLY FOCUSED LIGHT OUTPUT

Light angle of only 10.8° delivers improved penetration.
Perfect for indirect restorations,
such as orthodontic brackets and bonding.



O-Star

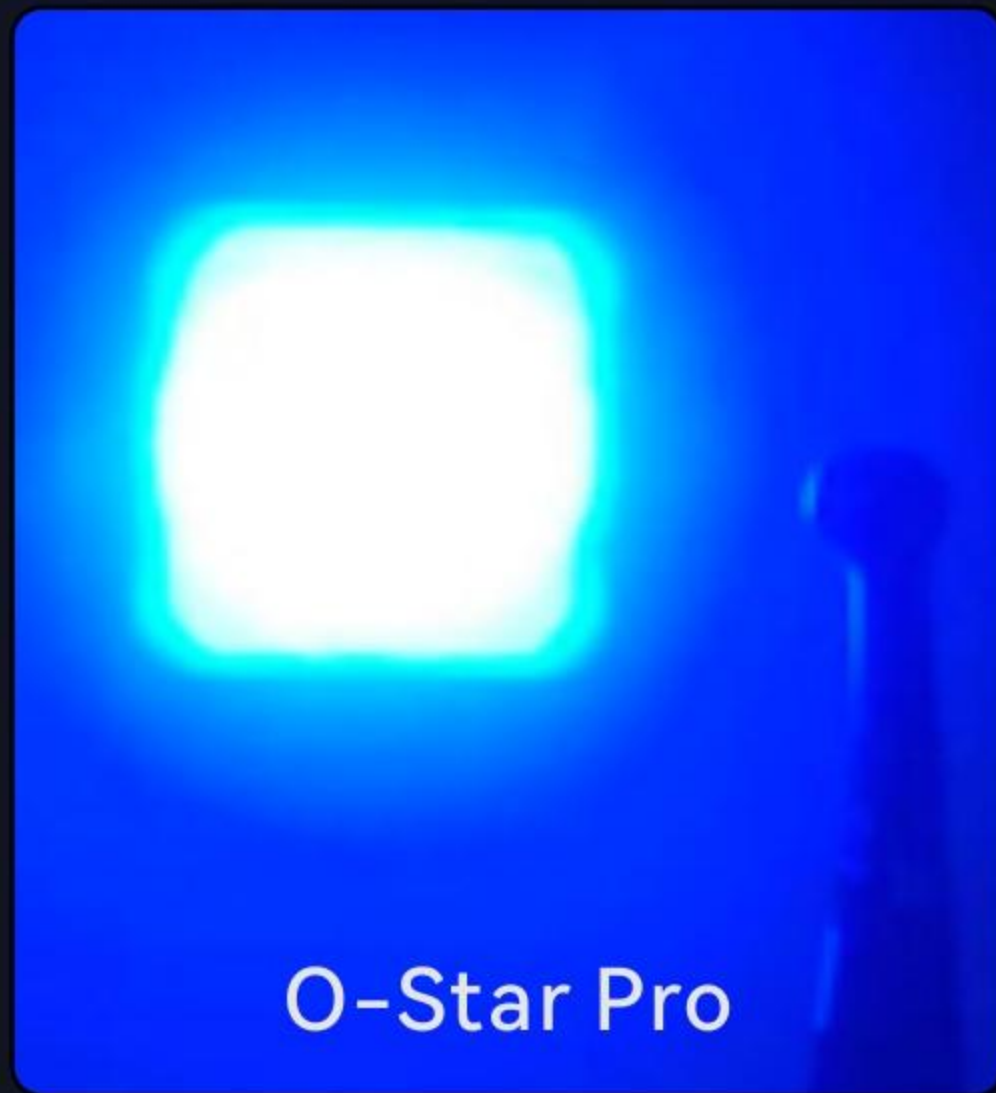
O-Star Pro



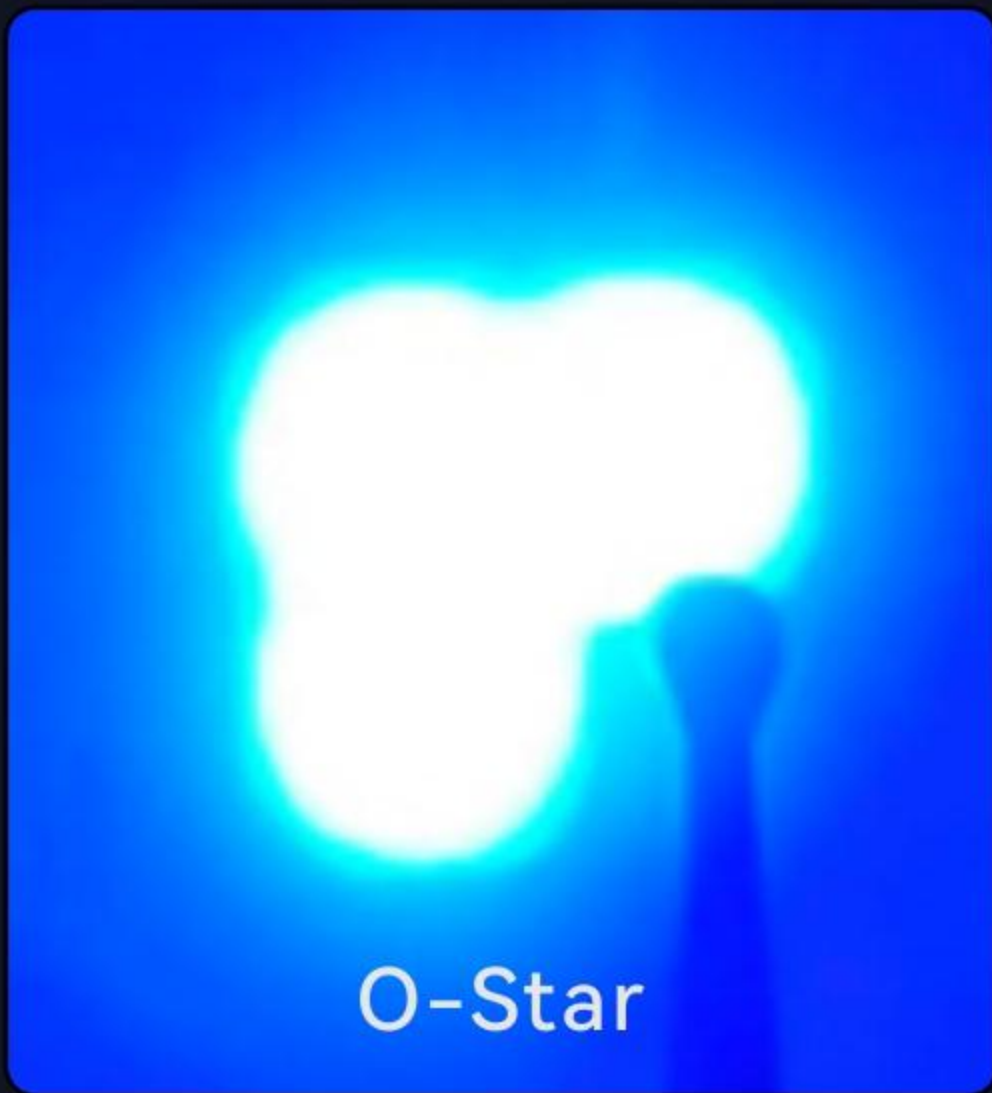
USA Brand

O-Star Pro

Blue and violet light
blend uniformly,
preventing uneven spots
and dark areas.



O-Star Pro



O-Star



US V Brand

LESS HEAT FOR GENTLE CARE

New pulsed output mode Less Heat

In Less Heat, while ensuring the curing depth of ≥3mm in just 5 seconds, the temperature is significantly lower compared to the constant output (STD Heat).

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

Model	Light Output	Light Emitting Area Diameter (mm)	Light Intensity (mW/cm²)	Maximum Temperature after 20s of Irradiation (°C)	Curing Depth in 5 seconds (mm)		
					3M-3A Z350 XT	Shofu-3A Beautifil II	Ivoclar-3A Tetric N-Ceram
O-Star Pro	Pulsed Output	Φ10	1200	37.8	3.77	3.76	3.04
	Constant Output			47.6	4.13	4.10	3.95
US V Brand	Constant Output	Φ10	980	45.7	3.99	3.99	3.47
EU I Brand	Constant Output	Φ8	1150	48	3.89	3.85	3.41

Note: The tests were conducted in a simulated oral environment, with a starting temperature of 25.4°C (temperature of porcine gingiva);

Method of irradiation: Temperature probe inserted into the porcine gingival epithelium, LED positioned approximately 2mm from the gingiva, with the temperature probe placed at the center of the light exposure, irradiating the gingival area.

STD/Less Heat Selection

In standby state, press and hold the M/T button and simultaneously press the power button to shut it down.

In shut-down state, press and hold the M/T button and simultaneously press the power button to enter the selection interface.



Once entered, press the M/T button to switch between STD/Less Heat. Once you have selected the desired heat, short press the power button to exit and save.



7 WORKING MODES FOR CLINICAL VERSATILITY

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

Check Mode

This mode outputs a single purple light.

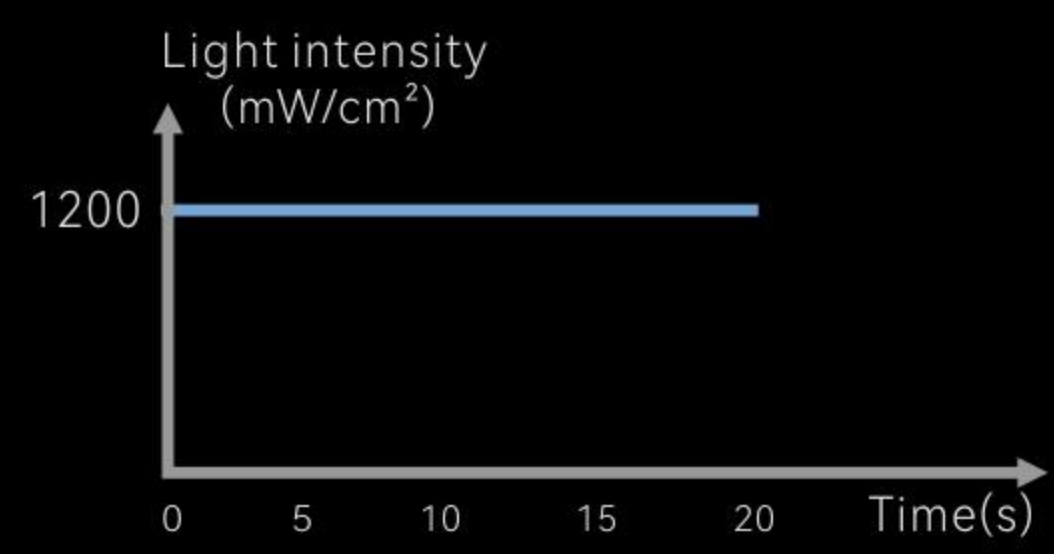
When special glasses are worn, the caries are obviously orange-red.

Application: Detection of caries, calculus and cracked tooth



Normal Mode

Suitable for most treatment scenarios,
such as fillings, restorations, etc.
Time setting: 5s, 10s, 15s, 20s

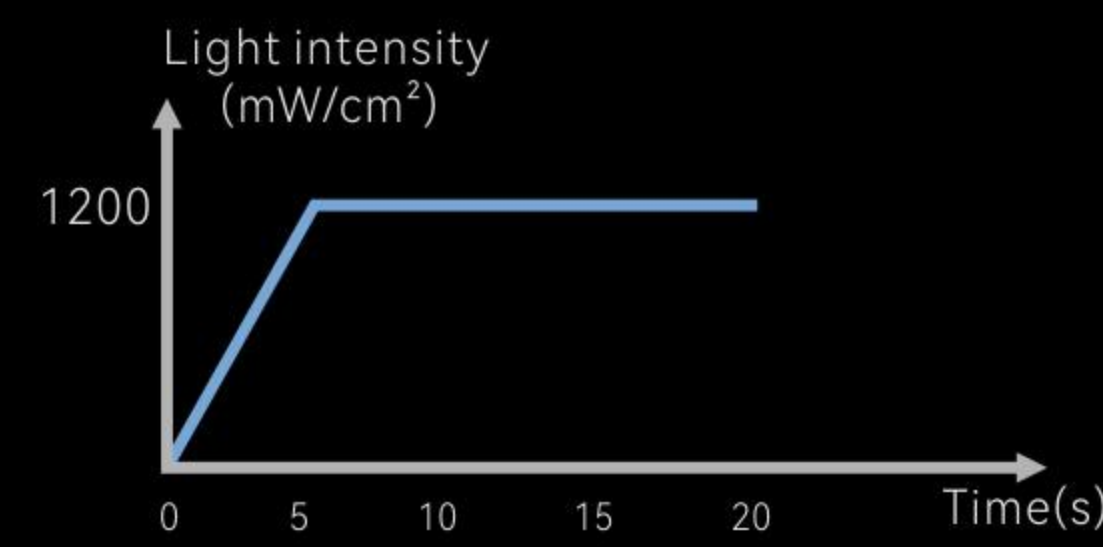


Less Heat & STD Heat

Constant light intensity:
1000-1200mW/cm²

Soft Mode

Effectively reduce the shrinkage rate of resin
Lower the risk of microleakage
Time setting: 5s, 10s, 15s, 20s

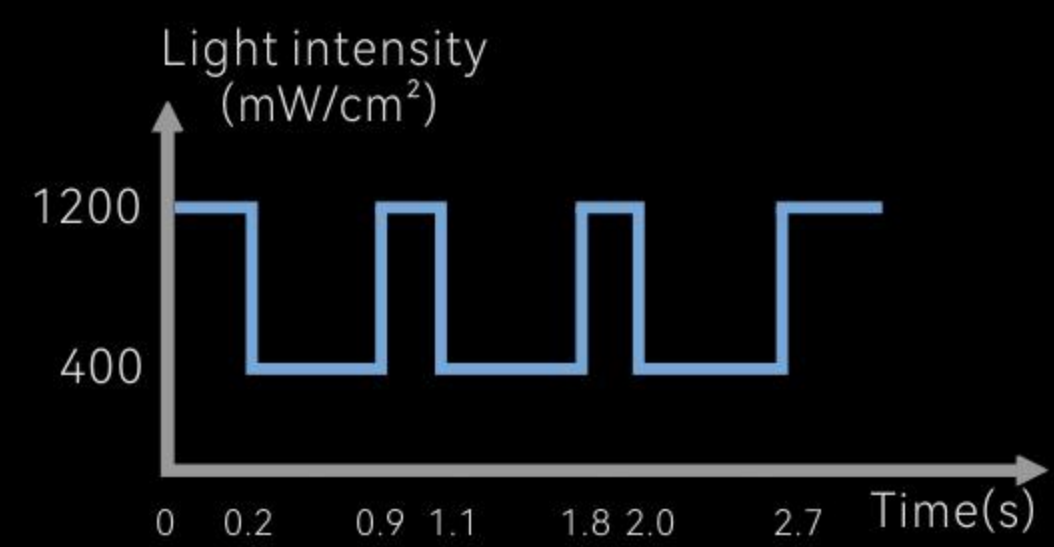


Less Heat & STD Heat

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

Pulse Mode

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

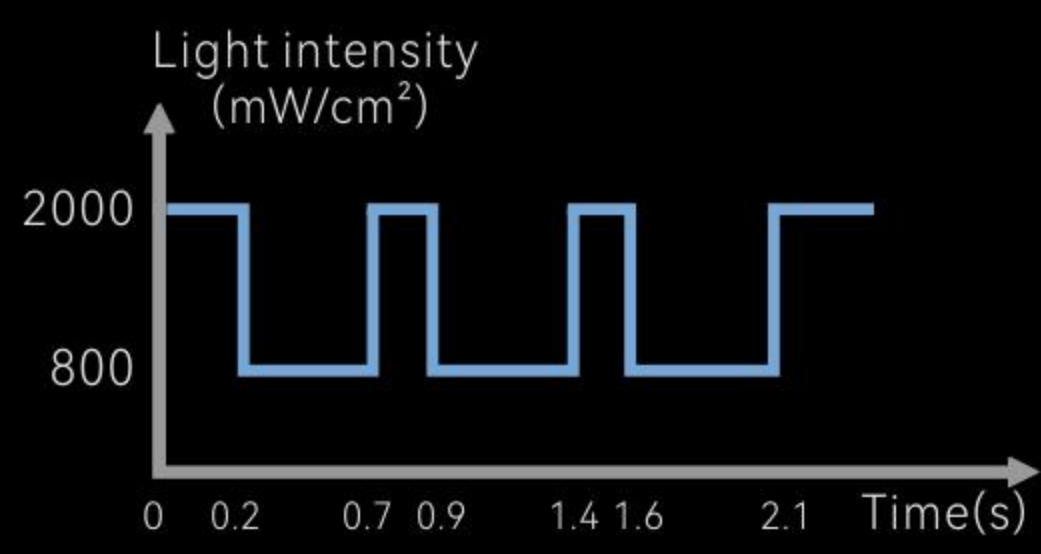


Less Heat & STD Heat

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

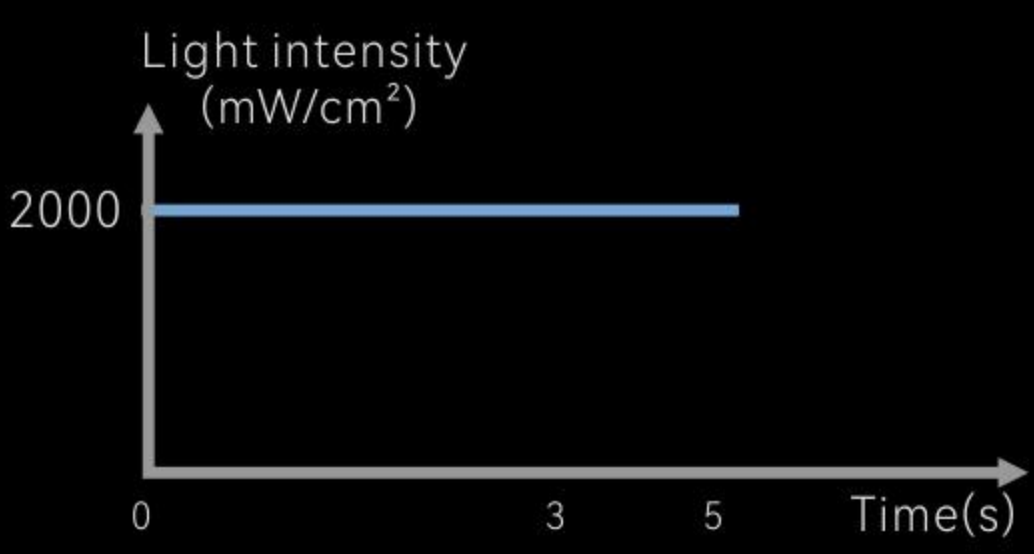
High Mode

Suitable for quick curing, ensuring enough curing depth
Time setting: 3s, 5s



Less Heat

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

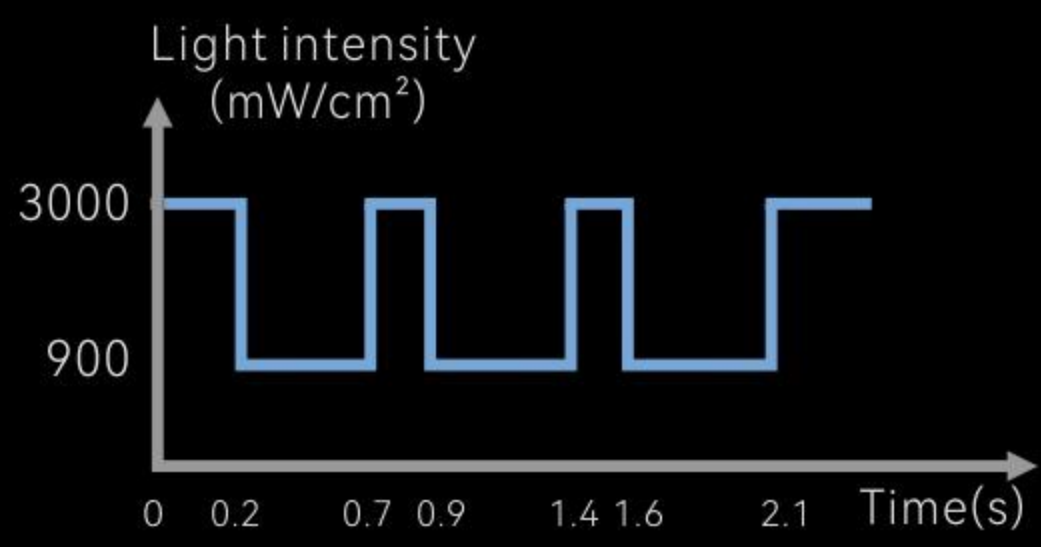


STD Heat

Constant light intensity:
1800-2000mW/cm²

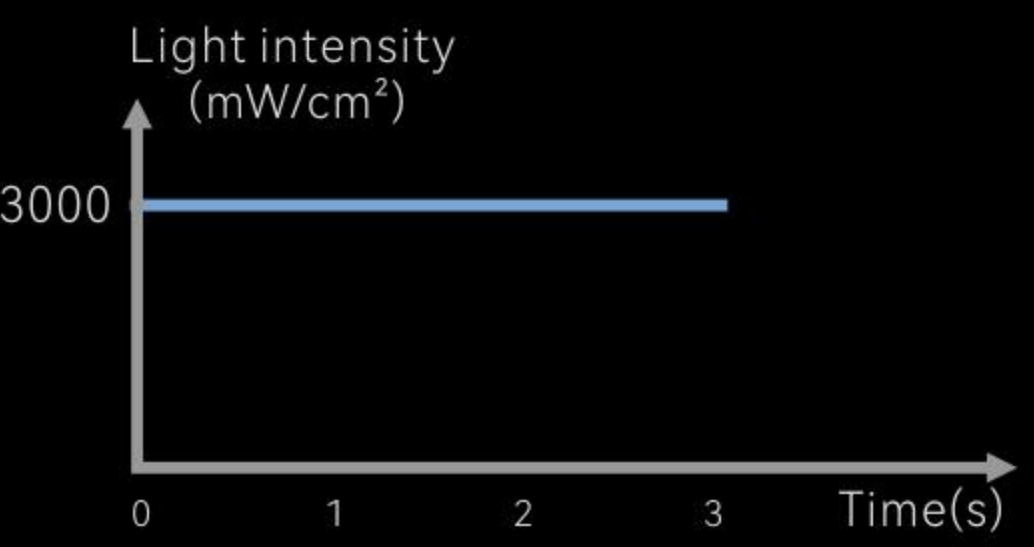
Turbo Mode

Ultra-high light intensity enables 1 sec curing of 2mm resin.
Time setting: 1s, 3s



Less Heat

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

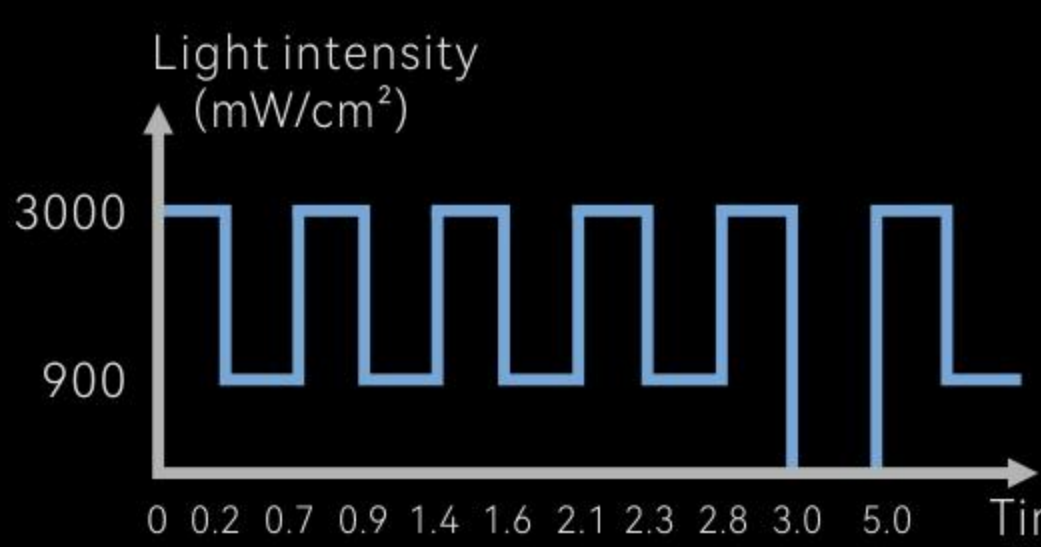


STD Heat

Constant light intensity:
2700-3000mW/cm²

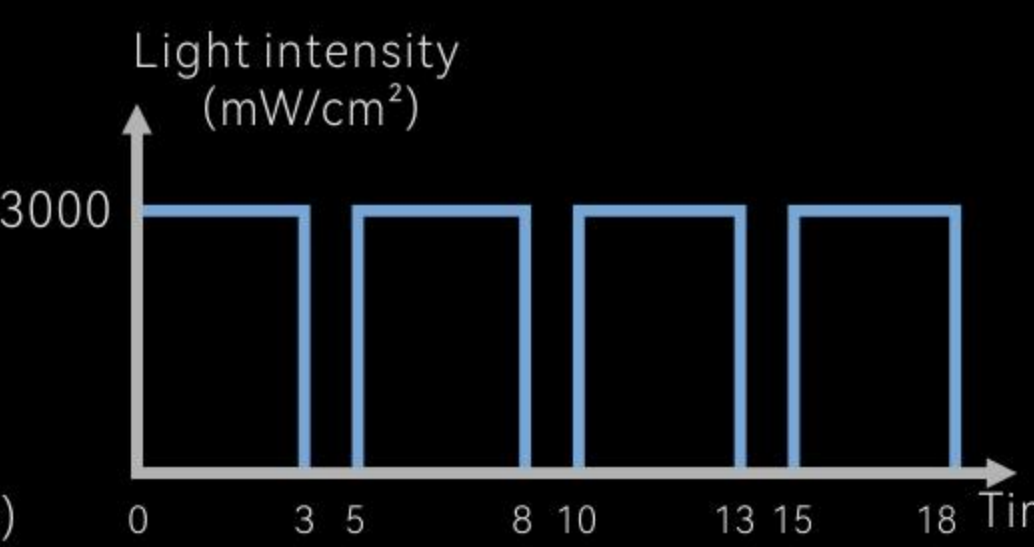
Ortho Mode

High light intensity with strong penetrability,
especially suitable for orthodontic bracket bonding
Time setting: 3s*5, 3s*10



Less Heat

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

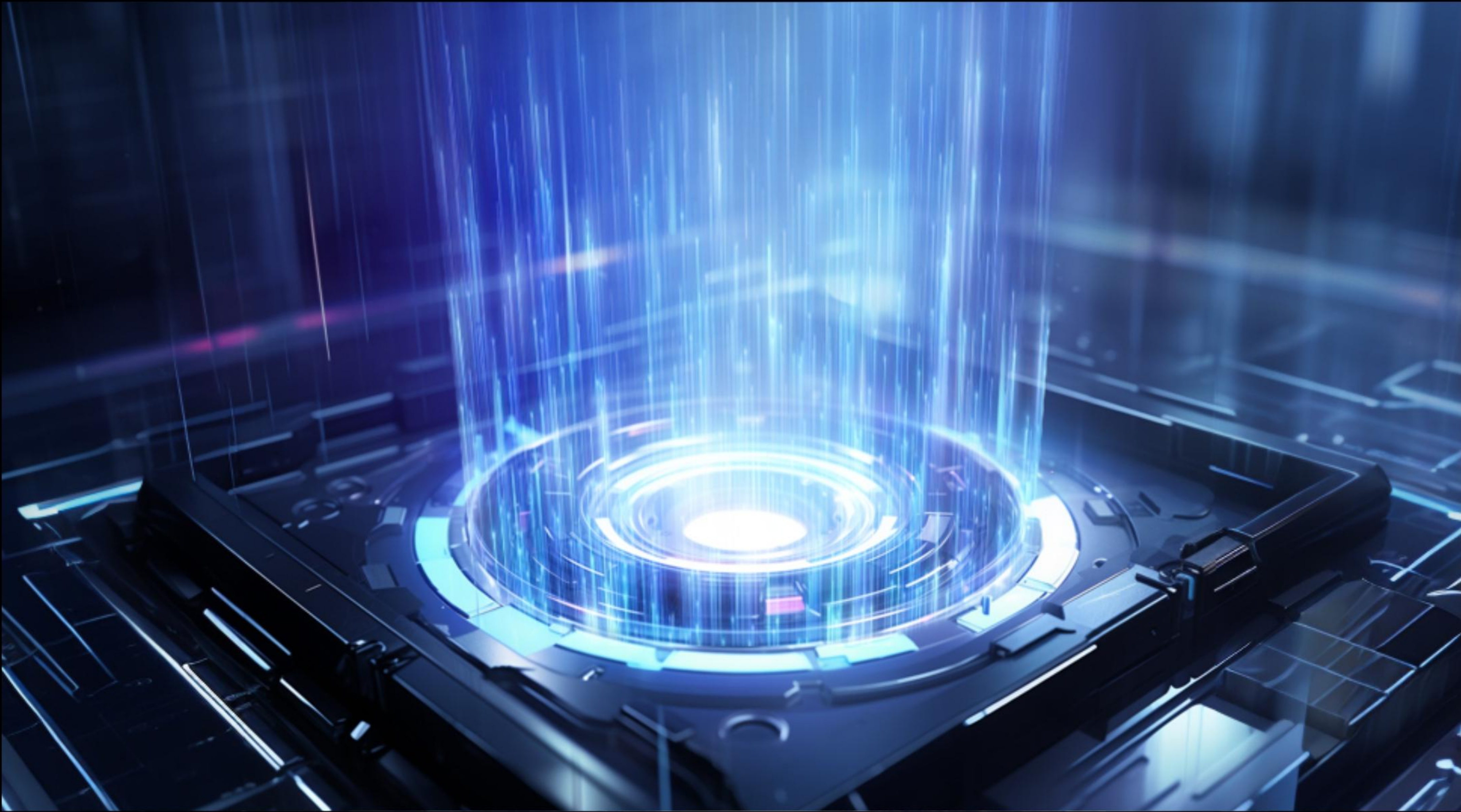


STD Heat

Constant light intensity:
2700-3000mW/cm²

LIGHT INTENSITY UP TO 3000mW/cm²

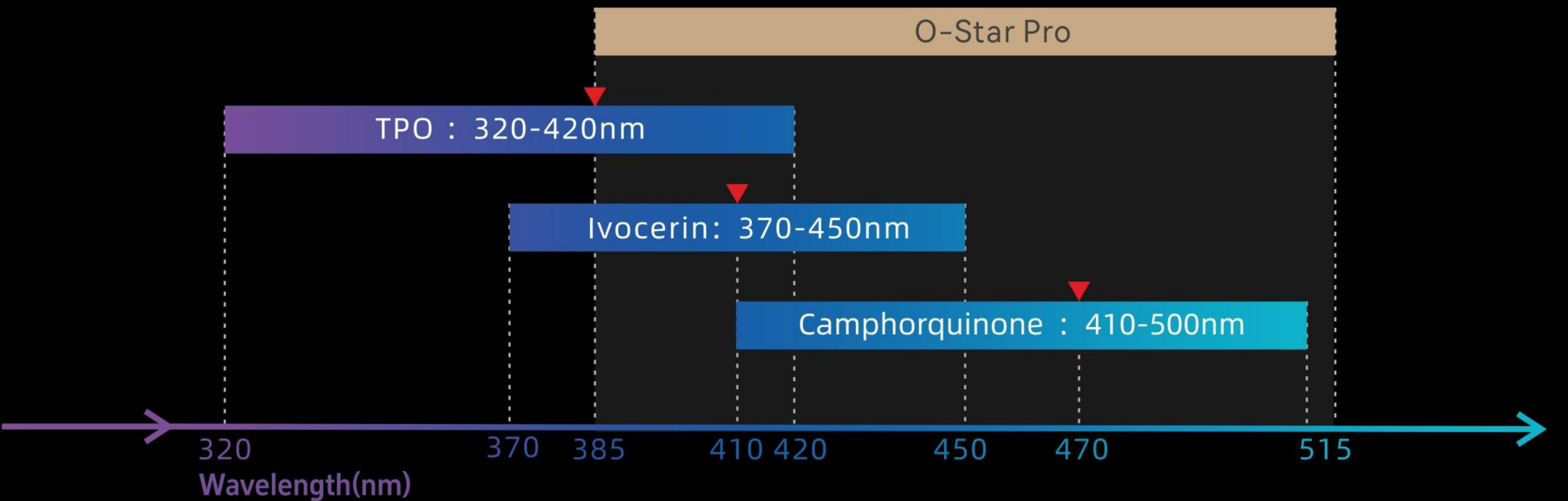
The high light intensity and less light loss bring you sufficient curing depth,
which can reduce the curing time and greatly improve the efficiency of resin curing.



WIDE SPECTRUM CURING LIGHT

CAN CURE ALL RESIN MATERIALS ON THE MARKET

With a wavelength range of 385-515nm,
O-Star Pro is suitable for effective curing of all 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.

USER-FRIENDLY CURING LIGHT

Bring you better experience.

Wireless Charging Base With Built-in Light Meter

Accurate light intensity is essential for efficient resin curing,
bringing you and your patients the best treatment experience.



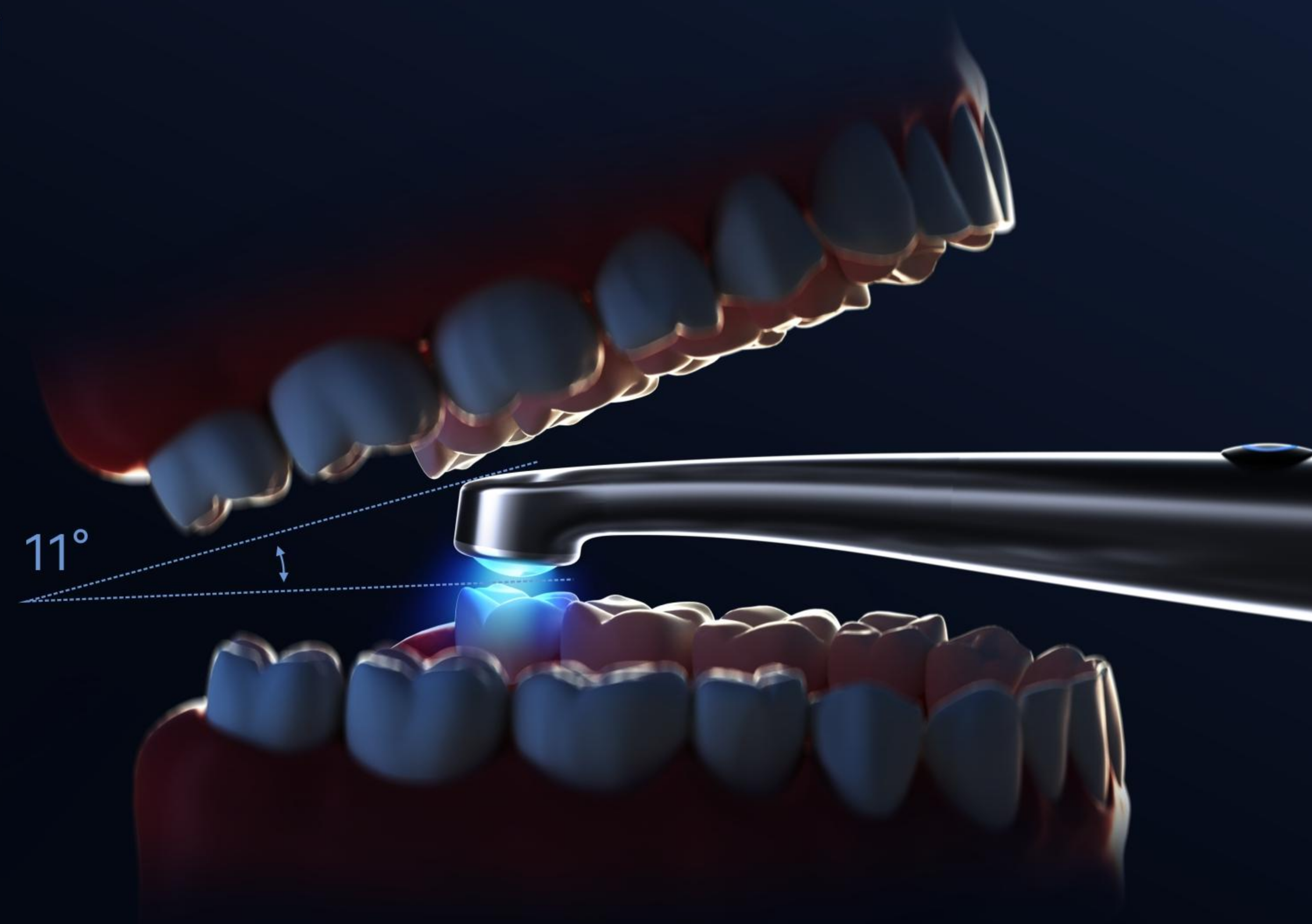
Ergonomically Design Body

Full-metal body 108g main unit
Elevated holding feel
Easy battery replacement



360° Rotatable Head

Easily reach every angle
Convenient to use



Dual Buttons + OLED Screen

Easy to operate
Avoid clinical errors

