

# D-Laser Blue

Hybrid Wave Laser



Diode Laser



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

Scan and log on to the website for more information



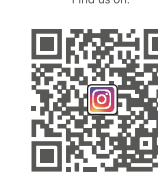
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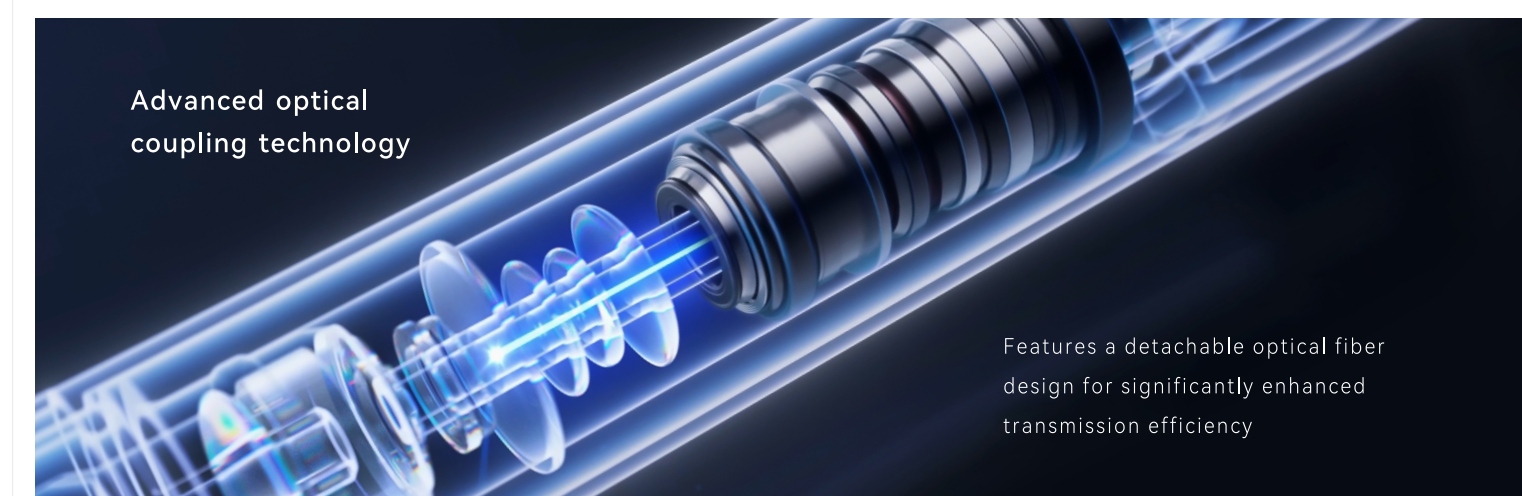


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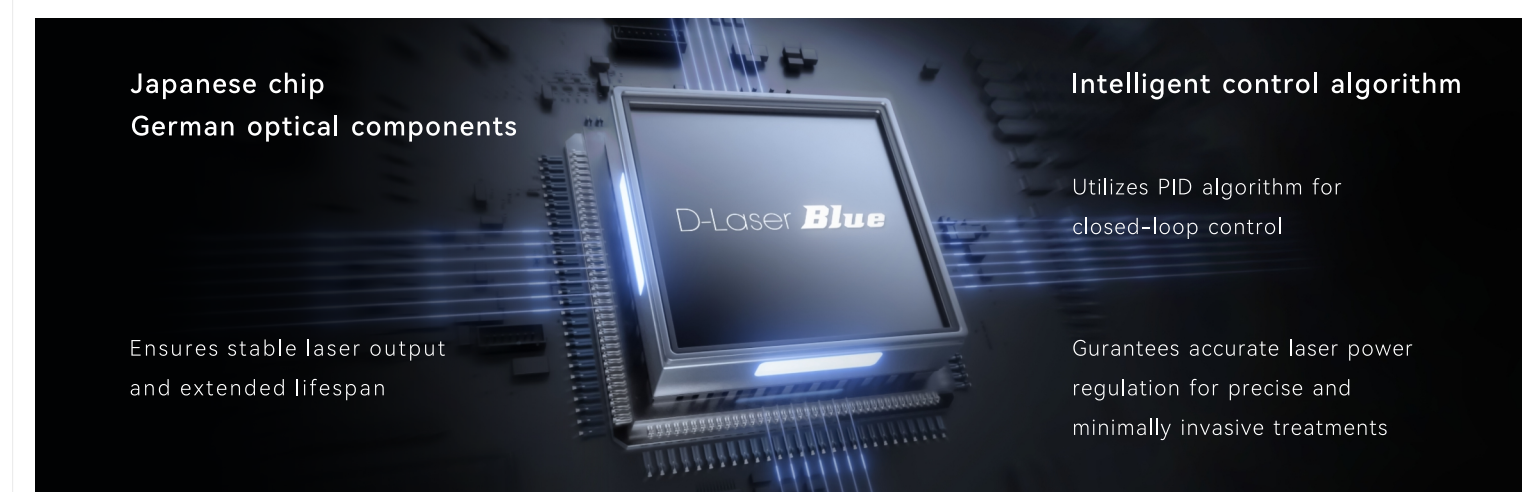
## Comprehensive multi-mode system

40 preset modes + 14 custom modes + 14 favorite modes  
 Designed for versatility and ease



Advanced optical coupling technology

Features a detachable optical fiber design for significantly enhanced transmission efficiency



Japanese chip  
 German optical components

Intelligent control algorithm

Ensures stable laser output and extended lifespan

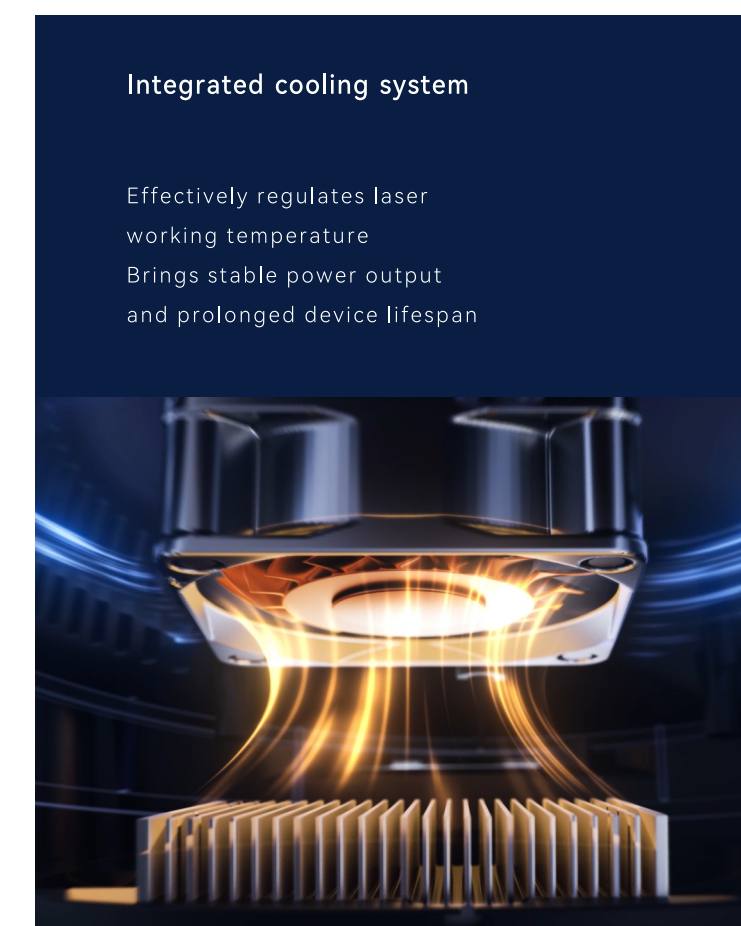
Utilizes PID algorithm for closed-loop control

Guarantees accurate laser power regulation for precise and minimally invasive treatments



High-frequency pulse control for ideal cutting

Pulse frequency up to 20,000 Hz  
 High power and ultra-short pulse width enable fast and precise cutting, minimizing thermal damage and carbonization for faster healing.



Integrated cooling system

Effectively regulates laser working temperature  
 Brings stable power output and prolonged device lifespan

## New "MIX" Wavelength

Any two or three wavelengths can be combined for use.

### Multi-Wavelength Synergy for Better Outcomes

Synchronously emits multiple wavelengths to leverage their unique clinical benefits for improved treatment efficacy.

### Efficient Cutting & Fast Healing

450nm+650nm or 450nm+650nm+976nm enables faster cutting and quicker healing, while providing antimicrobial, anti-inflammatory, and pain relief effects.

### Recommended power settings:

- 450nm: 0.5-2W  
(Mainly for cutting with higher efficiency and less thermal damage)
- 650nm: ≤200mW  
(For cell growth promotion, healing acceleration, and pain relief)
- 976nm: ≤0.5W  
(Deepest tissue penetration for superior biostimulation, antibacterial, and anti-inflammatory effects)



### Dual control for effortless operation

Laser control via handpiece button or wireless foot pedal

Allows flexible and easy switching between control modes

### Large color touchscreen

Fast response and highly sensitive touch control achieves seamless interaction experience



### Comprehensive protection for safe use

Laser safety glasses designed for three wavelengths, protecting doctors, assistants, and patients

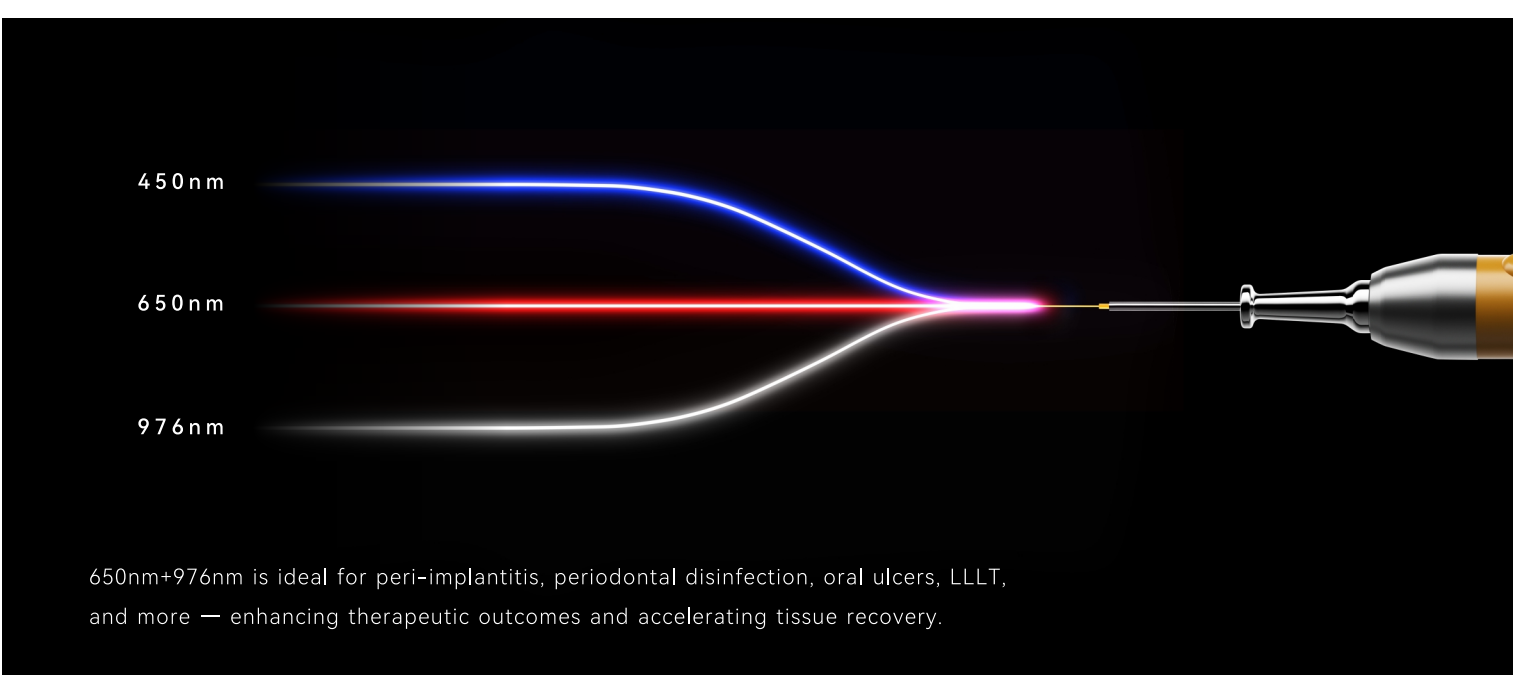


### Convenient sterilization for peace of mind

Autoclavable metal fiber tips & aluminum alloy handpiece sleeve  
 Minimizes the risk of cross-infection

## Non-Damaging Therapy for Various Conditions

Harnessing the strengths of each wavelength



450 nm

650 nm

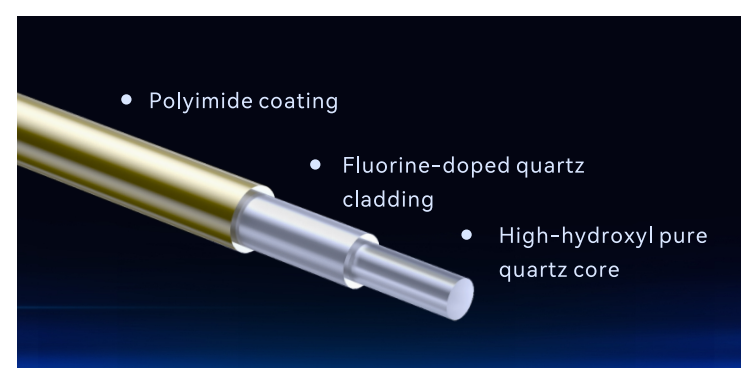
976 nm

650nm+976nm is ideal for peri-implantitis, periodontal disinfection, oral ulcers, LLLT, and more — enhancing therapeutic outcomes and accelerating tissue recovery.

### Premium materials for superior experience

High-hydroxyl pure quartz core with fluorine-doped quartz cladding for higher transmission efficiency

Outer polyimide coating for high-temperature resistance, excellent biocompatibility, and enhanced fiber durability, reducing breakage risks



### Triple protection for reusability

Triple protection with aluminum alloy casing, stainless steel protective tube, and high-performance plastic tubing

Can be autoclaved for repeated use



### Wavelengths & optical power

450±20 nm: Pmax = 4W  
 650±20 nm: Pmax = 200mW  
 976±20 nm: Pmax = 7W

### Laser system

450 nm: Class IV  
 976 nm: Class IV  
 650 nm: Class II  
 (according to IEC 60825-1)

### Emission modes

CW: Continuous Wave  
 QCW: Pulse Wave, Frequency range 1 Hz to 20 kHz

### Aiming beam Battery

650±20 nm / Pmax < 5mW 11.1V/2600mAh × 2 (57.7Wh)

### All accessories available

