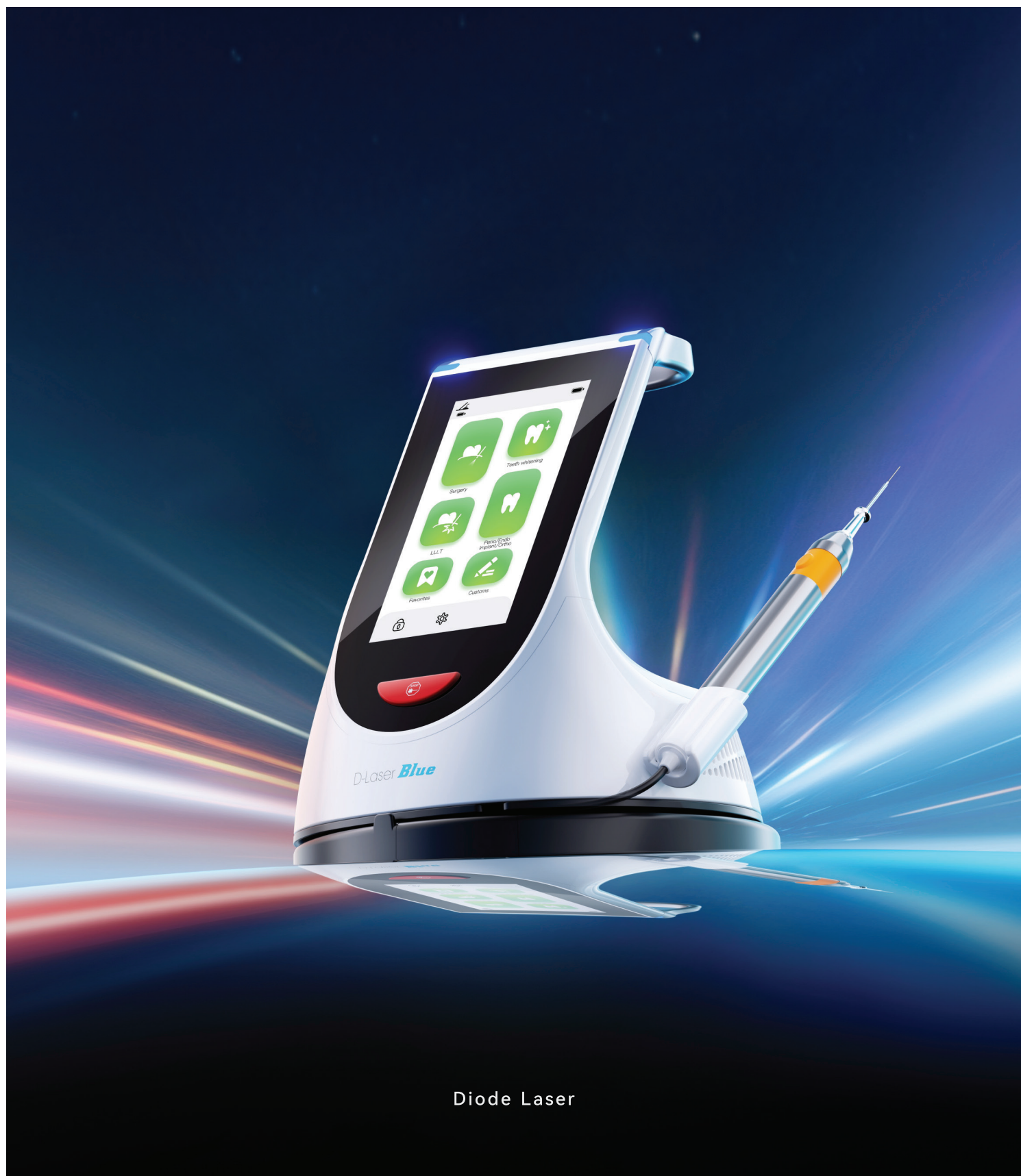


# D-Laser Blue

Hybrid Wave Laser



Diode Laser

# 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:**  $\leq 200\text{mW}$   
(For cell growth promotion, healing acceleration, and pain relief)
- **976nm:**  $\leq 0.5\text{W}$   
(Deepest tissue penetration for superior biostimulation, antibacterial, and anti-inflammatory effects)



## 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.

# Comprehensive multi-mode system

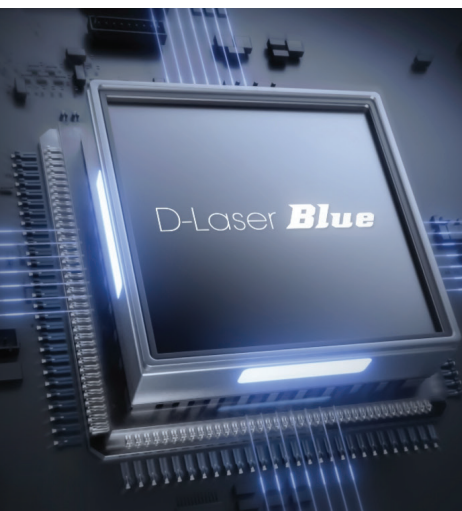
40 preset modes + 14 custom modes + 14 favorite modes  
Designed for versatility and ease

## Advanced optical coupling technology

Features a detachable optical fiber design for significantly enhanced transmission efficiency

## Japanese chip German optical components

Ensures stable laser output and extended lifespan



## Intelligent control algorithm

Utilizes PID algorithm for closed-loop control

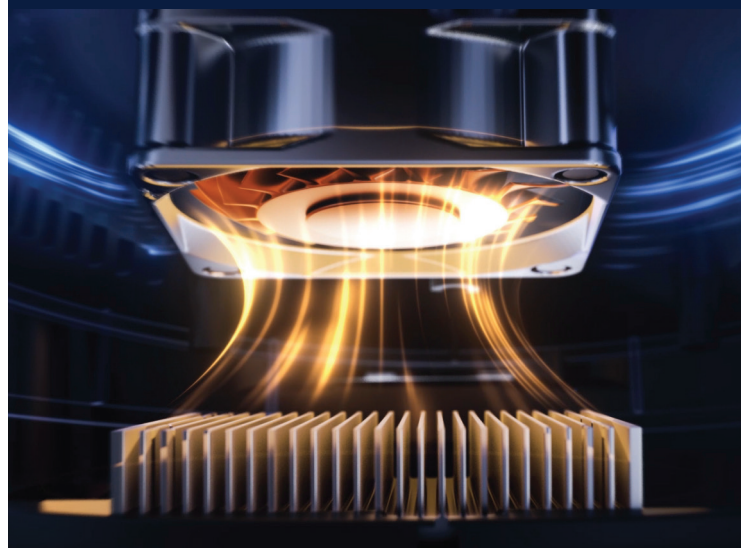
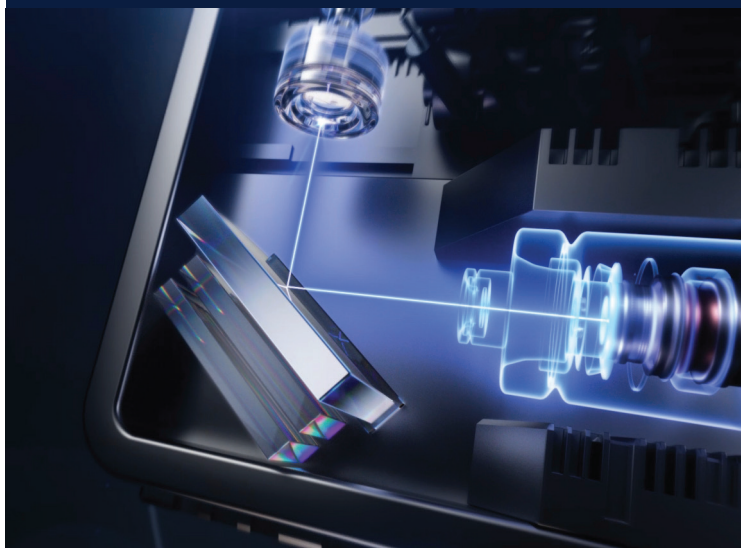
Guarantees accurate laser power regulation for precise and minimally invasive treatments

## 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

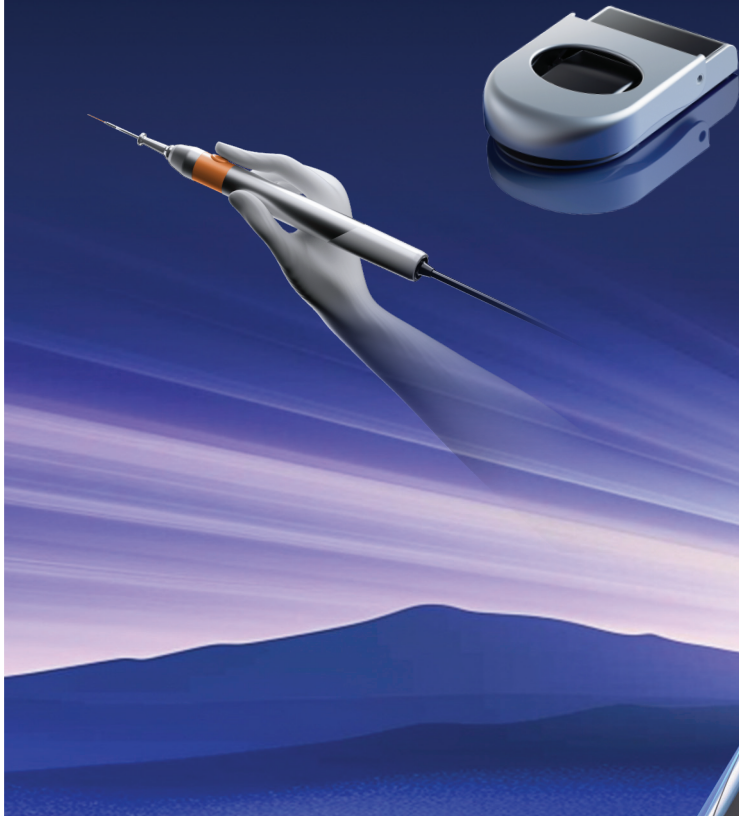
Effectively regulates laser working temperature  
Brings stable power output and prolonged device lifespan



## 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

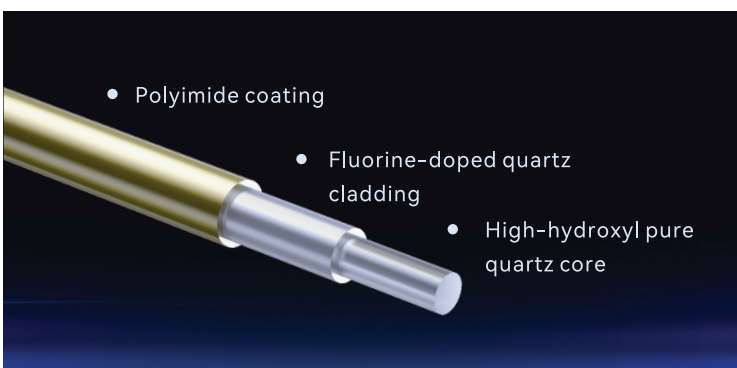
Fast response and highly sensitive touch control achieves seamless interaction experience



## Premium materials for superior experience

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

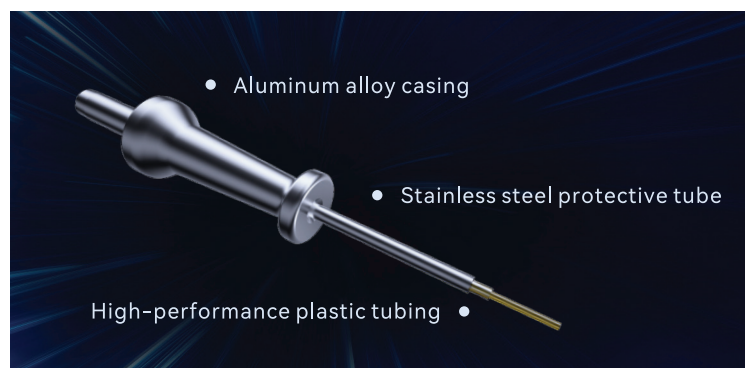
Outer polyimide coating for high-temperature resistance, excellent biocompatibility, and enhanced fiber durability, reducing breakage risks



## 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





## 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

### 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

650±20 nm / Pmax < 5mW

### Battery

11.1V/2600mAh × 2 (57.7Wh)

### All accessories available



BT8-Tip DT15-Tip DT20-Tip DT30-Tip Whitening-Tip MF2-14 MF2-20 MF3-4 MF3-9 MF4-4 MF4-9

Follow us for latest updates



Team Marketing, DIO India  
730-333-1511

 [dioimplant.co.in](http://dioimplant.co.in)

# D:O IMPLANT

The Oral Care Solution Creator

## ***DTE***<sup>®</sup>

### DIO DIGITAL IMPLANT INDIA PVT. LTD.

#### Head Office

Gurugram Office: 7061, 7062, 708, 709, 7101, 7102,  
7111 & 7112, 7th Floor, Block B, Vipul Square,  
Sushant Lok, Phase-I, Gurugram, Haryana - 122009  
Contact: 0124-4751803, E-mail: [info@dioimplant.co.in](mailto:info@dioimplant.co.in)

#### Branch Office

Mumbai Office: Unit No. 605,  
Business Suites 9, Plot No. 93 S.V. Road,  
Santacruz, West Mumbai - 400054  
Contact: 022-46021803

#### Branch Office

Bengaluru Office : No.18/6,  
First Floor,  
Cunningham Road,  
Bengaluru – 560052

#### Branch Office

Chennai Office : No. 45,  
3rd Floor Ashok Towers,  
KB Dasan Road, Nandhiniee Sweets,  
Alwarpet - 600018, Chennai