NEW WAVE

# DIODE LASER

4 WAVELENGTH LASER HAIR REMOVAL DEVICE

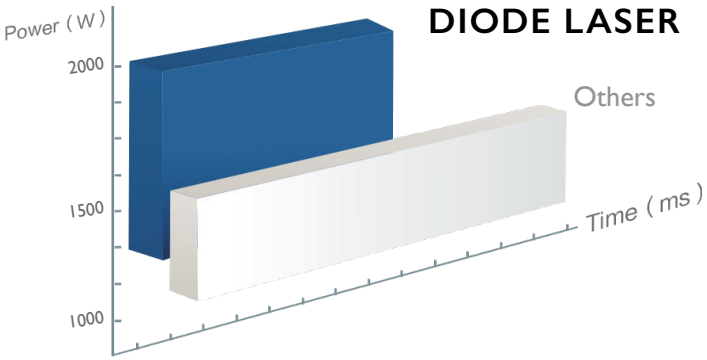


# PERFORMANCE & CORE TECHNOLOGY

## ULTRA-HIGH POWER PERFORMANCE

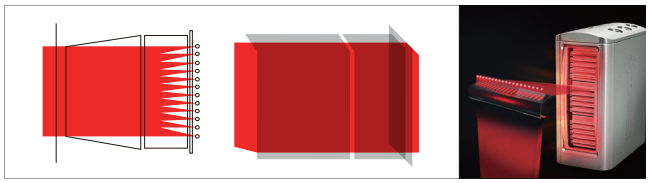
New Wave Diode Laser device delivers exceptional output power of up to 2000W, enabling faster treatment times and highly efficient hair removal. The system is designed for professional clinics seeking consistent results, even during continuous operation.

- Maximum output power up to 2000W.
- High efficiency hair removal with stable energy delivery.
- Optimised for busy clinical environments.







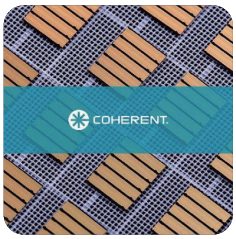


## ADVANCED FAC TECHNOLOGY

This enhanced energy concentration improves treatment efficacy while maintaining patient comfort. A short pulse width combined with 360° constant cooling significantly reduces lateral heat diffusion, minimising discomfort during treatment.

Each laser bar is equipped with an individual FAC lens, increasing the duty cycle from 12% to 30%, ensuring stable and efficient output throughout treatment sessions.

## PREMIUM LASER SOURCE & RELIABILITY



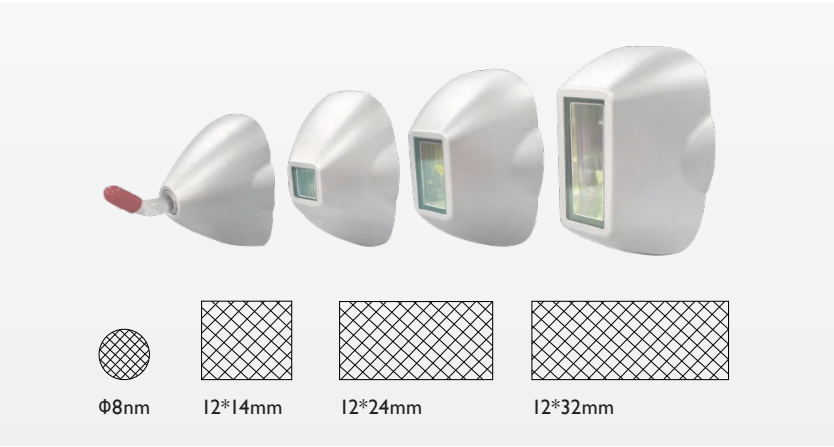

New Wave Diode Laser device uses original American Coherent laser technology, ensuring stable, sufficient and reliable laser output. This premium laser source, combined with advanced thermal control, guarantees long-term performance and consistent clinical results.

A high-efficiency TEC cooling system extends the lifespan of the laser modules and supports continuous, high-power operation.

## DUAL REFRIGERATION SYSTEM

The integrated dual refrigeration system allows continuous operation without overheating, supporting long treatment sessions and high-volume traffic while maintaining system stability and safety.

# TREATMENT ADVANTAGEA






## LARGE SPOT SIZE FOR FASTER COVERAGE

New Wave Diode Laser device offers a large spot size of up to 12 × 32 mm², allowing deeper heat penetration and improved energy absorption by the hair follicle.

- Faster treatment times.
- Improved clinical efficiency.
- Enhanced treatment outcome.




**Sapphire Crystal -10°C -5°C Constant Temperature**




**Aesthetic and Professional Operation Systems**



**Suitable for all skin tones**

## QUAD-WAVELENGTH LASER

The system utilises a quad-wavelength diode laser (755nm, 808nm, 940nm and 1064nm), enabling precise targeting of different structures within the hair follicle.

Laser energy is delivered in a layered, sandwich-like structure, maximising target absorption while efficiently dissipating excess heat. This ensures:

- Effective treatment for Skin Types I–VI.
- Enhanced safety for darker skin tones.
- Improved comfort and client satisfaction.

## PROFESSIONAL OPERATING SYSTEM

The intuitive operating system is designed for aesthetic professionals and offers multiple treatment modes:

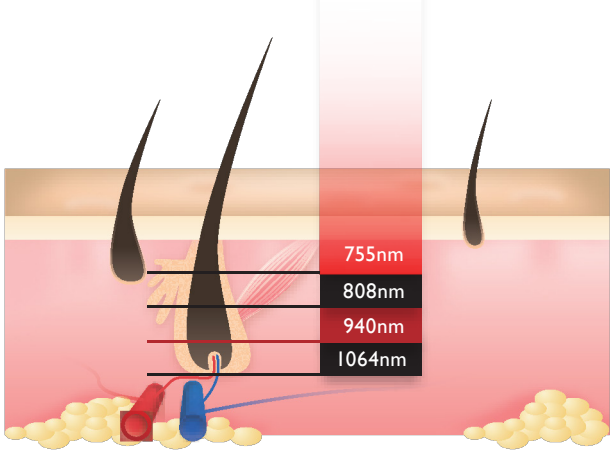
- HR
- SHR
- SHR STACK

Suitable for all skin tones, the system combines clinical precision with ease of use and a clean, professional interface.

## ADVANCED COOLING & PATIENT COMFORT

New Wave Diode Laser device features sapphire crystal contact cooling, maintaining a constant temperature between -10°C and -5°C during treatment.

This advanced cooling system protects the epidermis, reduces discomfort and supports safe, comfortable treatments even at higher energy levels.



# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Laser Type** | Vertical Stack 4 Wavelength Diode Laser |
| **Wavelength** | 755nm / 808nm / 940nm / 1064nm |
| **Laser Bar Power** | 2000W/bar |
| **Energy Density** | 0-200J/cm2 |
| **Pulse Width** | 10-400ms |
| **Spot Size** | 8mm, 12*14mm, 12*24mm, 12*32mm optional |
| **Frequency** | 1-10Hz |
| **Cooling System** | TEC + Water cooling + Air cooling |
| **Power Supply** | AC110/220V±10%, 50Hz-60Hz |
| **Treatment Technique** | Sweeping motion |
| **Maximum Shot Output** | 80 million |
| **Compliance** | FDA, CE, UKCA, ISO 13485: 2016 |

**Marketing Materials Support**

**Technical Support**

**Clinical Training Support**

**Sales Training**

**Manufacturer Guarantee**

**Registration Support**

## COLOUR OPTIONS

Black



Grey



White



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