Indication

Hair removal

Arm -
Beard -
Chest -
Axilla -
Groin -
Leg -
Others -

HRZ-6000

Diode Laser

Technical specification

Laser Type	Diode laser
Wavelength	755 nm, 810 nm, combined 3 wavelengths (755 nm, 810 nm, 1064 nm)
Laser Power	1-100 J/cm^2
Operating Mode	Arm / Beard / Chest / Axilla / Groin / Leg
Shot Speed	1-15 Hz
Pulse Duration	5-800 ms
Beam Shape	Square
Beam Size	11 x 15 mm
Light Conduction	Crystal coupling
Cooling Tip Temperature	1 Celsius
Electrical Requirements	230 V, single phase, 50/60 Hz
Dimension (W*L*H)	360 mm (W) X 610 mm (L) X 1000 mm (H)
Weight	70 Kg

HRZ-6000 is an advanced diode laser designed to remove all types of hair from any part of the human body in a remarkably short time.

HRZ-6000 emits laser beams at either 755 nm, 810 nm, or a combination of three wavelengths (755 nm, 810 nm, 1064 nm).

HRZ-6000 is not only powerful but also delivered with precision, ensuring targeted hair removal with optimal energy levels. Furthermore, its exceptional skin cooling system guarantees a painless treatment experience for the patient while enabling the operator to save valuable time.

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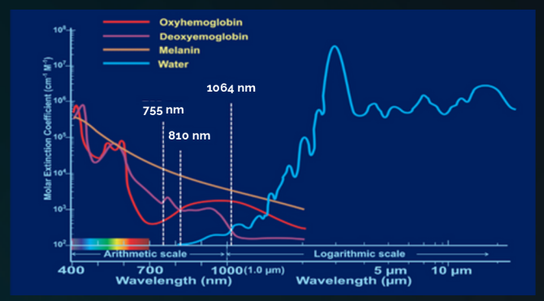
For international use only

The safest and most effective hair removal laser

The diode laser is considered the safest and most effective hair removal laser. Additionally, it is known for its long-term durability and stable energy output. With short treatment times and no need for consumables, it provides a convenient and efficient solution for hair removal.

3 Wavelengths



The three wavelengths – 755 nm, 810 nm, and 1064 nm – are considered the safest and most effective for removing both thick and thin hair due to their high absorption rate of melanin. This makes them suitable even for dark skin, with minimal discomfort and risk of skin burns.

3 Pulse Type – Long, short, combi

HRZ-6000 has various pulse modes - short, long, and combi pulses - offering versatility to ensure optimal clinical outcomes per treatment session.
Moreover, all pulse modes are available even at high-speed repetition rates of up to 15 Hz, allowing for the accumulation of sufficient energy in the hair follicle without causing pain.

Diode Laser
The safest and most effective hair removal laser

3 Wavelengths
755 nm, 810 nm, 1064 nm

3 Pulse Type
Long, short, combi

High Power
High power by virtue of short pulse duration

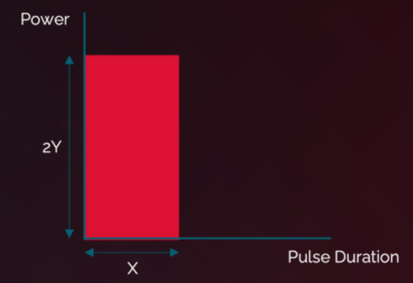
Cooling Design
Microchannels inside laser diode & contact cooling in handpiece

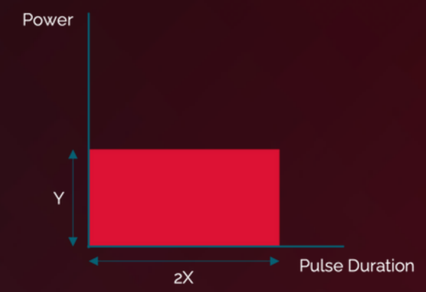
Intuitive UI
Convenient treatment setting, 18 memories

High power by virtue of short pulse duration

If the fluence level is consistent between two devices, the only method to achieve higher power is by reducing the pulse duration.

The HRZ-6000 boasts a shorter pulse duration compared to other devices, resulting in higher power output. This not only ensures more impactful clinical outcomes but also reduces discomfort during treatment.





Cooling Design

When heat builds up in a laser diode, it can lead to unstable output energy, resulting in inefficient clinical outcomes or potential side effects such as skin burns.

Additionally, prolonged exposure to high temperatures can damage the laser diode, necessitating costly replacements.

The HRZ-6000 features an exceptional cooling design that effectively dissipates heat. This design incorporates cooling water flowing through numerous microchannels circulating inside the laser diode during continuous laser shots, maintaining the operating temperature between 10 and 30 degrees Celsius.

Aside from the cooling inside the laser diode, the contact cooling design also protects the skin surface during treatment.

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