

## DIODE LASER FOR PROCTOLOGY AND VARICOSE VEINS

### Models

#### Vital Lase

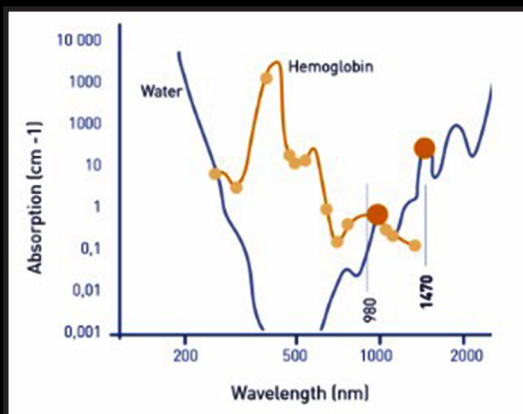
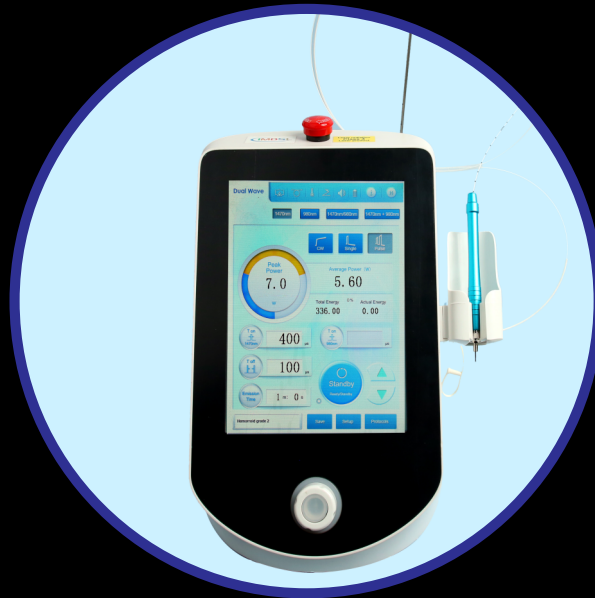
15W, 980nm

#### Aqua Lase

15W, 1470nm

#### Trident

10W 980nm + 10W 1470nm



IMDSL presents two wavelengths viz. 980nm and 1470nm.

The 1470nm laser targets water in the tissue very well and thus is able to achieve great tissue shrinkage due to desiccation.

The 980nm laser targets pigments like haemoglobin, oxyhemoglobin and melanin. Thus it is highly effective for cutting and coagulation. It also achieves higher penetration of effect.

The surgeons have the flexibility to choose from both these wavelengths as per their requirements and suitability for their application.

Magic Pulse Technology is a unique technology by IMDSL. It is a simultaneous energy of 980nm & 1470nm, which is most effective for Superficial Photoablation & Photosterilisation.

The laser is calibrated to deliver precise energy for precise outcomes.

IMDSL laser solutions are designed to work reliably in Indian conditions with their heavy-duty German diodes and superior heat sinks.

The guidelines settings provide the most conventional settings while the surgeon can change them as per specific patient requirements.

IMDSL lasers are feature rich that provide better clinical outcomes, safety and ease of use

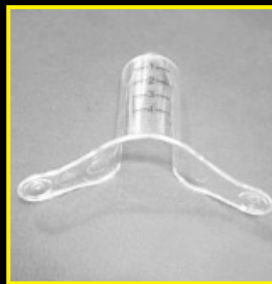
## TECHNICAL SPECIFICATIONS

Specifications	Vital Lase	Aqua Lase	Trident
Maximum Power	15W	15W	10W + 10W
Wavelength	980nm	1470nm	980nm & 1470nm
Magic Pulse Technology	No	No	Yes
Mode	Continuous & Pulsed		
Aiming beam wavelength	650nm		
Interlock Key	Provided		
Optical Fibers	Bare, Radial and Conical		
Fiber thickness	600 Microns		
Fiber Connector	SMA 905A		
Fiber Length	3 Meters		

## ACCESSORIES



Straight and Curved Handpieces



Transparent Proctoscope

### Other Accessories :

- Doctor and Patient Eye Wear
- Optical Fibers
- Interlock Key
- Power Cable and Adapter
- Footswitch with Cable
- Metallic Carry Box and Key

## MAJOR APPLICATIONS

- Proctology (Hemorrhoids, Anal fissure, Anal fistula, Pilonidal sinus)
- EVLT (Varicose Veins)
- LVR (Vaginal Rejuvenation)
- Liposuction
- PLDD (Percutaneous Laser Disc Decompression)



ISO 13485:2016



ISO 9001:2015



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