

## Specifications :

Laser Type	Dental Diode Laser
Model	1F0402
Max Power	10W
Wavelength	1064nm
Operation Mode	Cw or Pulsed
Pulse Duration	25 Us 1s
Repetition Rate	20,000 Hz
Weight	1.8Kg
Dimensions	200* 120* 60mm
Activation	Wireless Foot Pedal
Control Mode	7" Full Touch Screen
Voltage	Ac 110V 220+20%
Pilot Beam	50Hz 60Hz+1Hz
Delivery System	3Mw/635nm Red Diode Standard (300um & Bleaching)



Dental kit



INTENSE MEDICAL & DENTAL  
SYSTEM PVT. LTD.



## What our Doctors say about us-

**Zeeshan Ladhani**

★★★★★

Amazing Laser System Highly recommended

**Sanket Baranwal**

★★★★★

Highly recommended. I am very satisfied with the decision of buying lasers with them. An amazing support team and always ready to help.

**Dr Chetana Kulkarni**

★★★★★

Highly recommend ,best after sales service as well

**Vallabh Kamat**

★★★★★

Too good.. ..

**Lakshmi Ramakrishnan**

★★★★★

**Ujjwal pandey**

★★★★★

**Rayapudi Phani Mohan**

★★★★★



## Dental Soft Tissue Diode Laser

10 Watt / 1064 nm / 20 Khz

Super Pulse

**2 YEAR WARRANTY**



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"Bringing Innovations Closer to You"

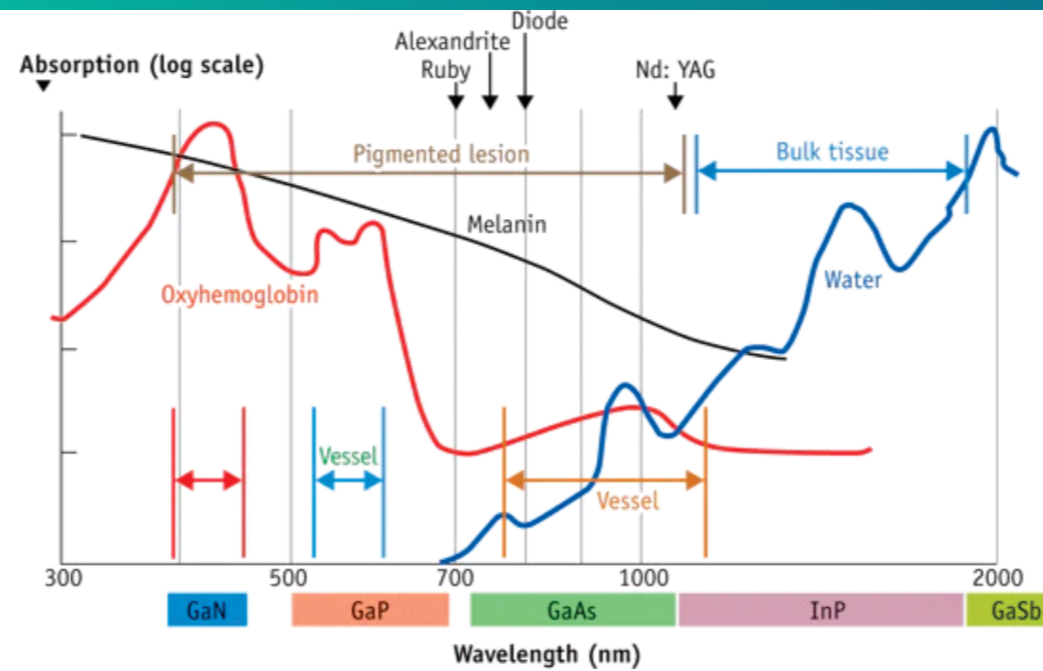


## Introducing 1st Time In India 1064 Nm Wavelength In Dentistry

- Most versatile and comfortable wavelength
- Put your patient in maximum comfort zone while doing surgery.
- Bloodless field/maximum coagulation
- More superficial yet controlled cutting
- Almost no tissue damage/radiant energy

### Why IMDSL India?

- High quality export oriented product
- Company is CE and ISO 13485 compliance
- Best cutting and coagulation efficiency
- Maximum number of preset Programs ( All are further adjustable by user)
- Low running and maintenance cost
- 1000 plus satisfied customers across India



## Know Your Wavelength-1064nm

- Highest absorption in water, superficial cutting.
- A superior wavelength working on radiant energy.
- Minimal/no collateral thermal tissue damage.
- Highest analgesic effect/ provide maximum comfort to the patient.

## Laser Tissue Interaction

**Photothermal effects-** occur when the chromophores absorb the laser energy and heat is generated. This heat is used to perform work such as incising tissue or coagulating blood.

**Photobiomodulation or Biostimulation-** refers to lasers ability to speed healing, increase circulation, reduce edema, and minimize pain. Many studies have exhibited effects such as increased collagen synthesis, fibroblast proliferation, increased osteogenesis, enhanced leukocyte phagocytosis, and the like with various wavelengths.

## LASER

- Soft Tissue Cutting & Aesthetic
- Pain Management And Therapy
- Disinfection And Sterilisation

### Indications-

#### Soft tissue surgery

1. Frenectomy
2. Operculectomy
3. Gingivectomy
4. Epulis
5. crown lengthening
6. tongue-tie
7. Fibroma
8. Mucocele
9. Vestibuloplasty

#### Disinfection & Sterilisation-

1. Canal sterilisation
2. Pocket sterilisation
3. Pericoronitis

#### Aesthetic-

1. Gum Depigmentation
2. Teeth Whitening
3. Lip Depigmentation
4. Smile Designing

#### Pain management-

1. Tmj pain
2. Trismus
3. Aphthous ulcer

