



INTENSE MEDICAL & DENTAL
SYSTEM PVT. LTD.



Dental Soft Tissue Diode Laser

**10 Watt / 980 nm 20 Khz
Super Pulse
2 YEAR WARRANTY**



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)

Complete clinical support

Backed up by high quality after sales service

Complete unit with bleaching biostimulation and TMJ tips

Low running and maintenance cost

1000 plus satisfied customers across India

Why 980 nm Wavelength:-

- *10 Times Higher Absorption In Water than 810 nm Wavelength.*
- *Excellent Hemostasis With High Absorption of Hemoglobin & melanin*
- *Reduced Post Operative Pain & Tissue Swelling.*
- *Precise Tissue Ablation*
- *Use of Rediant Energy.*



Benefits To Patients :

- *Minimal Or No Bleeding*
- *No Swelling, Faster Healing*
- *Reduced Post-Operative Infection*
- *Minimal Or No Anaesthesia*
- *Minimal Pain And Inconvenience*
- *Less Time In Chair Less Anxiety*
- *Whitening - Single Visit Procedure*
- *High Quality Treatment*
- *Less Time Predictable Result*
- *Can Be Used In Pregnant And Pacemaker Cases*

Treatment :

Endodontics :

Cavity Sterilization
Root Canal Sterilization
Desensitization

Surgeries :

Gingivectomy.
Operculectomy.
Fibroma.
Lipoma.
Mucocele.
Hyperplastic Gingiva
Abscess.
Epulis.
Incision.
Excision
Biopsy.
Tooth Exposure.
Frenectomy

Implantology :

Implant Field Sterilization
Implant Uncover.
Peri-Implantitis.

Periodontics :

Gingivitis.
Periodontitis.
Pocket Debridement And
Sterilization
Flap Surgery.

Esthetics :

Crown Lengthening
Gingival De-Pigmentation
Teeth Bleaching

Advanced Application

Lichen Planus
Leukoplakia
Oral Submucous Fibrosis
Coagulation
Dry Socket
Bio-Stimulation & TMJ Pain



Laser Tissue Interaction

Photo Thermal :

Laser That Produces Photothermal Effect Use Energy Exposure To Facilitate An Increase In Chromophore Temperature Which In Turn leads To cellular Vaporization.

Photo Chemical :

Laser That Interacts With Tissue In a Photochemical manner Is Absorbed Into chromophores And Precipitates A Biological Cascade (ATP Phosphorylation) That Promotes Pain Relief And Inflammation Reduction.

Standard Accessories:



Specifications :

<i>Laser Type</i>	<i>Dental Diode Laser</i>	<i>Dimensions</i>	<i>200* 120* 60mm</i>
<i>Model</i>	<i>1F0402</i>	<i>Activation</i>	<i>Wireless Foot Pedal</i>
<i>Max Power</i>	<i>10W</i>	<i>Control Mode</i>	<i>7" Full Touch Screen</i>
<i>Wavelength</i>	<i>980nm</i>	<i>Voltage</i>	<i>Ac 110V 220+20%</i>
<i>Operation Mode</i>	<i>Cw or Pulsed</i>	<i>Pilot Beam</i>	<i>50Hz 60Hz+1Hz</i>
<i>Pulse Duration</i>	<i>25 Us 1s</i>	<i>Delivery System</i>	<i>3Mw/635nm Red Diode</i>
<i>Repetition Rate</i>	<i>20,000 Hz</i>		<i>Standard (300um & Bleaching</i>
<i>Weight</i>	<i>1.8Kg</i>		<i>Handpiece) Optional (200um</i>
			<i>400um 600um Fibers)</i>

Manufacturing : G-7, Industrial Area Bagroda Bhopal M.P. - 462026

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