



Chapmanic Ltd

# SWOT LASER

LASER EXPERT SINCE 1998

ONE FOR ALL LASER DENTISTRY PRACTICE.



Endodontics



Laser Therapy



Aesthetic Procedures



Periodontal Therapy



Oral Surgery





# Multi-wavelength Diode Dental Laser System

## Blue 450nm Surgery

Faster Cutting Efficiency and Coagulation(Hemostasis). Least Collateral Thermal Damage.

## Red 635nm Photobiomodulation

LLLT (Low Level Laser Therapy) /Photobiomodulation for Faster Wound Healing and Pain-free Dental Treatments.

## Infrared 810/980nm Perio, Endo & Hygiene

Infrared- Deeper Penetration for remarkable Disinfection in Periodontal and Endodontic Diseases.

## Model: Dawn

Dawn diode laser is equipped with multiple laser module, which provides three forms of laser in one single device.

### 450nm

The 450nm blue laser boasts remarkable soft-tissue absorption, enhancing tissue temperature for efficient vaporization compared to traditional infrared wavelengths. Say goodbye to fiber initiation hassles and embrace non-contact cutting, revolutionizing your treatment approach for heightened soft-tissue precision. Witness the astounding benefits of minimal collateral thermal damage thanks to its exceptional absorption in hemoglobin. Step into a new era of advanced procedures with the 450nm blue laser.

### 635nm

The 635nm red light laser, a beacon of Photobiomodulation, unlocks the potential of Low-Level Laser Therapy. As it gracefully pierces the skin's surface, cells eagerly absorb its energy, setting off a symphony of physiological responses within the mitochondria. Witness the magic as it catalyzes wound healing and breathes life into biostimulation for dental excellence. Join the revolution, embrace innovation and let the 635nm red light laser illuminate your practice's path to radiant transformation.

### 810/980nm

The 810/980nm infrared laser, a true dental powerhouse, effortlessly excels in a myriad of oral treatments. Its prowess shines through in periodontal, endodontic, and hygiene therapies enhancing every facet of your practice. Embrace this timeless gem and elevate your dental expertise to new heights. Discover unparalleled precision, redefine excellence, and let the 810/980nm infrared laser be your guiding light to dental mastery.

# Intelligent software navigation get started quickly:

8-inch touch screen and clear UI design;

5 categories, 40+ specific presets;

Visual and flexible adjustment of parameters.



Dawn laser is generally indicated for incision, excision, vaporization, ablation and coagulation of oral soft tissues including the following:

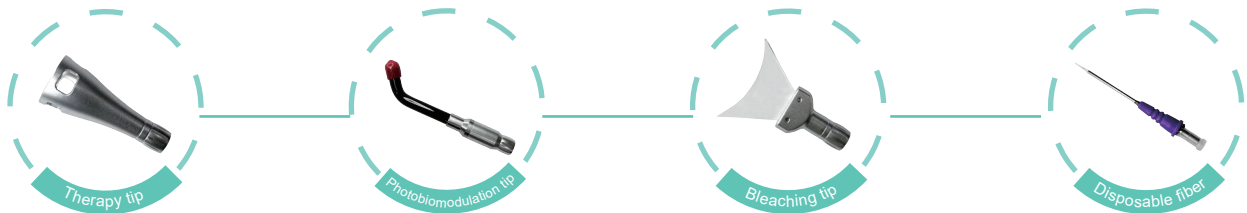
| Oral Surgery  | Periodontal Therapy   | Endodontics   | Laser Therapy  | Aesthetic Procedures  |
|---|---|---|--|---|
| <ul style="list-style-type: none"> <li>• Excision of benign lesion</li> <li>• Frenectomy</li> <li>• Herpetic Lesion</li> <li>• Biopsy of oral soft tissue</li> <li>• Hemangioma-Superficial /Venous lake</li> <li>• Lip Fibroma</li> <li>• Tongue-Fibroma</li> <li>• Tongue-Hyperlasia</li> <li>• Melanocytic Nevus /Buccal mucosa</li> <li>• Mucocele</li> <li>• Benign migratory glossitis</li> <li>• geo-graphic tongue</li> </ul> | <ul style="list-style-type: none"> <li>• Fiberotomy</li> <li>• Peri-implantitis</li> <li>• Hemostasis</li> <li>• Gingival Troughing</li> <li>• Crown Lengthening</li> <li>• Exposure of an Unerupted tooth</li> <li>• Gingivectomy</li> <li>• Anatomical crown exposure</li> <li>• Surgical access of an unerupted tooth</li> </ul> | <ul style="list-style-type: none"> <li>• Endodontic Therapy</li> <li>• Periapical abscess</li> <li>• Canals Sterilization</li> <li>• Pulpal Therapy</li> <li>• Pulp Cap-Direct</li> <li>• Pulp Cap-Indirect</li> <li>• Pulpitis/S.L.T.</li> </ul> | <ul style="list-style-type: none"> <li>• Pain Relief(Facial/Neuralgia)</li> <li>• Biostimulation</li> <li>• Desensitization</li> <li>• Chapped Lips/Soft laser therapy</li> <li>• Benign migratory glossitis /geographic tongue</li> <li>• Angular cheilitis</li> <li>• Aphthous Ulcer</li> <li>• Blistered Tissue</li> <li>• Herpetic lesion</li> <li>• Inflammatory hyperplasia</li> <li>• Tinnitus/vertigo</li> </ul> | <ul style="list-style-type: none"> <li>• Bleaching /Hyperpigmentation</li> <li>• Removal</li> <li>• Melanin Pigmentation</li> </ul> |

# ACCESSORIES

| Accessories List  |
|---|
| Multi-function Handpiece with 2-meter fiber (SMA 905 Connector) |
| Disposable tip 300 $\mu$ m (5 pieces)                           |
| Disposable tip 400 $\mu$ m (5 pieces)                           |
| Bleaching tip   |
| Photobiomodulation tip  |
| Therapy tip   |
| Protective goggles (2 pieces)                                   |
| Protective blinder  |
| Wireless foot control   |



Multi-functional handpiece



# SPECIFICATIONS

|                      |   |                     |                         |
|----------------------|---|---------------------|-------------------------|
| Laser Type           | High powered solid-state diode module   | Clinical support    | 40+ presets             |
| Frequencies          | Continuous Wave (CW)<br>Repeat up to 10,000Hz   | Display             | 8-inch touch screen     |
| Wavelength and power | 450nm $\pm$ 5%/0.1W-4.0W (CW);<br>635nm $\pm$ 5%/50mW-200mW;<br>810nm or 980nm $\pm$ 5%/0.1W-8.0W (CW); | Weight & Dimensions | 3kg<br>220*220*180 (mm) |

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