



# S3™ Blue Triple Wavelength Dental Laser

The World First Smart Laser with Hybrid Wavelengths

# S3™ Blue With Innovated Design

"S3™ BLUE is designed to revamp the standards of dental surgery. This latest technology offers more range of benefits to both patients and dentists. It offers faster working time and an expanded horizon of dental treatment because of availability of multiple wavelengths in a single unit."

—PIOON TEAM

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- ✦ Inbuilt procedures as Quick Mode, Customization as Expert Mode and Favorites can be saved as Hot Keys
  - ✦ Inbuilt Protocols for greater safety
  - ✦ Long Battery hours ensures treatment up to a week
  - ✦ Compact, ultra high-resolution touch display
  - ✦ Appropriate clinical tutorial videos for guidance
  - ✦ 16 GB storage memory provides good space for storing clinical tutorial videos
  - ✦ Super-fast cooling system
  - ✦ Metallic robust casing
  - ✦ Direct WIFI access enable to get the latest software updates and other expandable functions
  - ✦ Two hybrid solutions: 450/650/810 and 450/650/980
  - ✦ Maximize scope of indications
  - ✦ Effective treatment with specific wavelength for different dental procedure

## Multitude of Applications with Ergonomically Designed Accessory Handpieces



### TMJ Handpiece

For pain management in TMD



### Whitening Handpiece

For teeth whitening/bleaching, treats an entire quadrant consistently and comfortably



### Disposable Tips

Available in three different sizes  
200µm  
300µm  
400µm



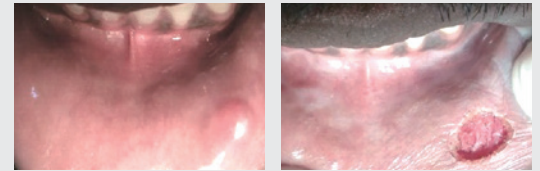
### Photobiomodulation Handpiece

Low-level laser therapy to speed up wound healing process, prevent Infection and relieve pain and discomfort

## Oral Surgery

Biopsy (Incisional/Excisional)  
Granuloma  
Gingival Polyp  
Hemangioma  
Mucocele  
Leukoplakia  
Oral Submucous Fibrosis (OSF)

### Fibroma



Preoperative View

Postoperative View

## Aesthetic

Gingivoplasty  
Teeth whitening  
Gummy Smile Correction  
Gingival Depigmentation

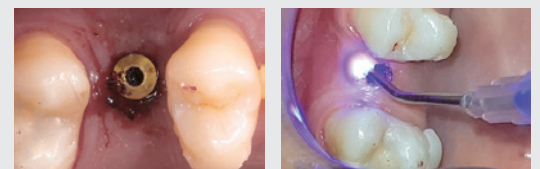


Preoperative View

Postoperative View

## Implant

Implant uncovering  
Peri-implantitis  
Stage II Implant Surgery



Preoperative View

Postoperative View

### Endodontics

Direct Pulp Capping (DPC)

Sinus Tract Management

Root Canal Disinfection



# All that can be done with S3™ Blue

### LLLT (Low Level Laser Therapy /Photobiomodulation)

Aphthous ulcers

Wound healing (Laser Bandage)

TMD (Temporomandibular disorder)

Photodynamic Therapy (PDT)



Ulcer Healing



Lasers for TMD

### Periodontics

Non-surgical periodontal therapy  
(Pocket Debridement, Pocket Sterilization)

Surgical periodontal therapy  
(Frenectomy / Frenotomy, Operculectomy, Gingivectomy)

Operculectomy



Preoperative View



Postoperative View

### Pedodontics

Exposure of unerupted teeth

Pulpotomy

Ankyloglossia / Tongue-tie



Preoperative View



Postoperative View

### Prosthodontics

Soft-tissue crown lengthening

Vestibuloplasty

Troughing



Preoperative View



Postoperative View

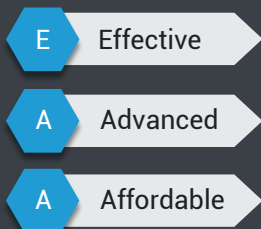
## 1 Device - 3 Wavelengths - 3 Best Rendition

450nm - Blue Light - Faster Cutting Efficiency and Coagulation (Hemostasis) at Very Low Power Settings. Least Collateral Thermal Damage.

650nm - Red Light - LLLT (Low Level Laser Therapy) / Photobiomodulation for Faster Wound Healing and Pain-free Dental Treatments.

810/980nm - Infrared - Deeper Penetration for remarkable Disinfection in Periodontal and Endodontic Diseases.

### EAA



### Onliest Features

- Non-contact mode and no fiber initiation for 450nm
- Super fast cutting efficiency
- Lesser need for systemic administration of post-operative medications
- Best of everything that suits your pocket.
- No hidden and extra charges for any laser accessories, clinical resources and customer support.

## What extra you can expect

- **Clinical Director and Resource Person Dr. Sana Farista** (M.D.S Periodontist, Implantologist and Laser Specilaist) - Researcher, Clinician and Speaker for 10 years
- World-wide demonstration and training support
- Experience of more than 10 years for registration assistance
- Industry Best Practice - Warranty
  - 5 years for laser module
  - 3 years for device
  - 1 year for accessories

## Laser Protection Eye-wear



A pair of three eye-wears protective against all the three laser wavelength, one each for Dentist, Dental Assistant and Patient.

### Only Model in the Market which is

- Portable
- Smart
- Modest
- Sleek
- Handy
- Easy to Carry

# TECHNICAL SPECIFICATIONS

<b>Wavelength</b>	450nm (+/- 20nm) + 650nm + 980nm / 810nm
<b>Power</b>	3W + 200mW + 7W / 6W
<b>Operating Modes</b>	Continuous Wave (CW) / Pulsed
<b>Frequency</b>	Upto 25KHz
<b>Duty Cycle</b>	Variable
<b>Display</b>	7" HD vivid Touch-Screen
<b>Control Software</b>	Smart OS
<b>Fiber Connection</b>	Medical fiber: 200µm, 300µm and 400µm with standard SMA905 connector
<b>Aiming Beam</b>	Wavelength - 650nm, Power - < 2mW
<b>Dimensions (L*W*H)</b>	225mm * 150mm * 150mm
<b>Weight</b>	≤2KG NW
<b>Battery Capacity</b>	3350mAh
<b>Power Supply</b>	18VDC 5A

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