

PIODON

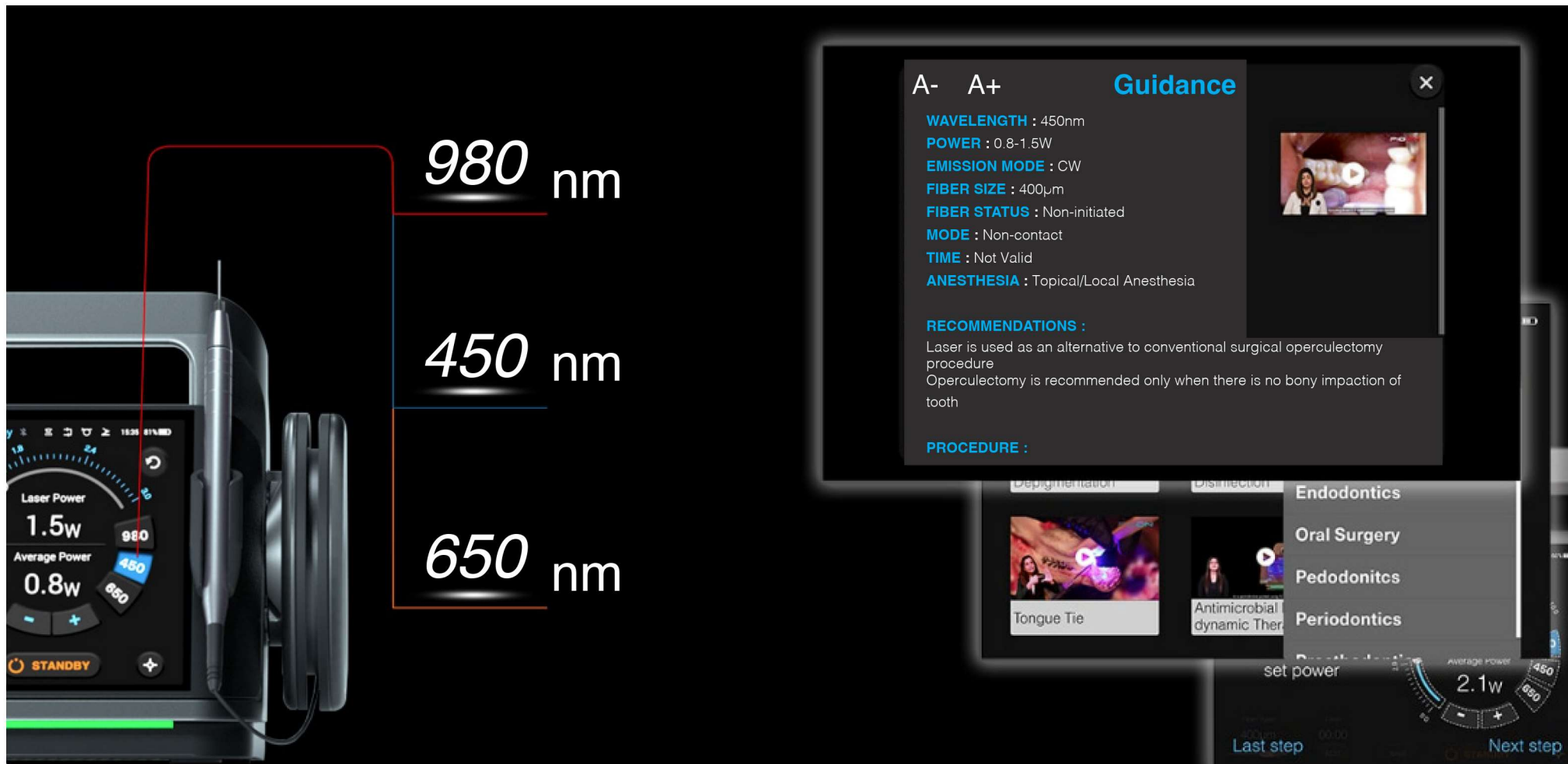


S3 Three-wavelength Dental Laser

*the S3 dental diode laser(980nm+650nm+450nm)
is becoming the most efficient and innovative dental
laser in the world!*

Clinical Teaching Video

*detailed clinical parameters for each preset and multiple
clinical instructional videos*



Smart chip

Multi-core cpu multi-threaded computing
Smart OS + AI + Human-laser interaction

CPU

HD Large screen

HDR 7-inch
PPI > 340
Retina touch display



Strong cooling

Double fan
electronic cooling
Multi-channel copper tube



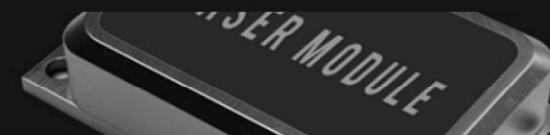
Perfect design

Aluminum-magnesium alloy case
Weight $\leq$ 2KG NW
Dimensions 225mm*150mm*150mm



Laser Module

Micro-optical integrated laser diodes
20,000h durability



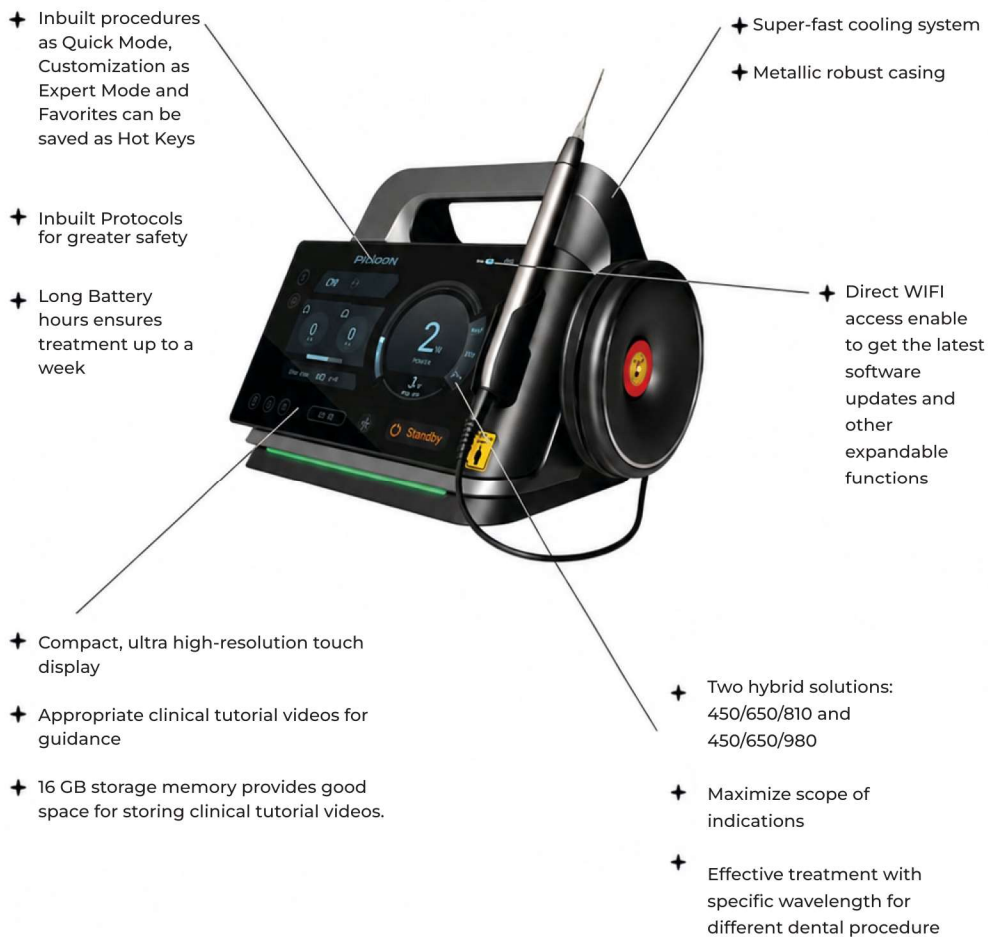
High capacity battery

3600mAh, 30min full power output



TM 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 a expanded horizon of dental treatment because of availability of multiple wavelengths in a single unit



57 specific presets, 8 categories

Working with leading dental laser specialists around the world, we have summarized tens of thousands of clinical data and analyzed them to come up with a professional and systematic preset category.



- Prosthodontics
- Aesthetic
- Pedodontics
- LLLT/Photobiomodulation
- Periodontics
- Implant

TECHNICAL SPECIFICATIONS

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

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

