

Biolase WaterLase iPlus All Tissue Laser



Rating: 4.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 10,850.00

Discount:



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Manufacturer: [Biolase](#)

Description

Biolase WaterLase iPlus All Tissue Laser

Features

iPlus Breaks the Dental Speed Barrier

- Faster than the drill, without the delay of anesthetic
- Patented laser technology delivers 10 watts of power
- Up to 100 pulses/sec. for superior soft-tissue cutting
- Enables multi-quadrant same-day procedures

iPlus is Easy to Use with its Intuitive Graphical User Interface

- For example performing a Class I Cavity Prep the iPlus™ is as easy as 1,2,3...
Step 1: Select "Restorative" from the first screen

Step 2: Choose "Class I" from the next screen that appears automatically

Step 3: Specify any other concerns such as patient sensitivity or bond strength. Roger Levin

iPlus Provides Great Return on Investment

- A fantastic tool to increase production!" – Roger Levin
- Increases treatment acceptance of day-to-day restorative cases
- Attracts new patients
- Increases productivity and enables new procedures.

iPlus Enables Painless Biological Dentistry

- Painless ,no shot necessary
- No micro-fractures or thermal damage
- NO cross contamination as with bur
- More precise, minimally invasive

iPlus includes iLase 940nm Diode Laser Docking Station

- Adds dual wavelength versatility and convenience
- First totally wireless dental laser
- 5 Watts peak power with ComfortPulse™
- Battery operated with finger switch activation
- Exclusive bendable tips in many diameters & lengths
- Single use for NO cross contamination

Specifications

DIMENSIONS (W X L X H)

- Uni: 11 x 19 x 33 in (28 x 48 x 84cm)
- With Fibe: 11 x 19 x 40 in (28 x 48 x 102 cm)
- Weight: 75 lbs (34 kg)

ELECTRICAL

- Operating Voltage: 100 VAC \pm 10% / 230VAC \pm 10%
- Frequency: 50 / 60 Hz
- Current rating: 15.0 A / 8A
- Main control: Circuit breaker
- On / Off control: Keyswitch
- Remote interruption: Remote interlock connector

WATER SPRAY

- Water type: Distilled or Sterile
- External air source: 80 - 120 psi. (5.5 - 8.2 bar)
- Water: 0 - 100%
- Air: 0 - 100%
- Interaction zone: 0.5 - 5.0 mm from handpiece tip to target

OPTICAL

- Laser classification: 4
- Medium: Er, Cr:YSGG (Erbium, Chromium, Yttrium, Scandium, Gallium Garnet)
- Wavelength: 2.78 μ m (2780nm)
- Frequency: 5 – 100 Hz
- Average power: 0.1 – 10.0 W
- Power accuracy: \pm 20%
- Pulse energy: 0 – 600 mJ
- Pulse duration for "H" mode: 60 μ s
- Pulse duration "S" mode: 700 μ s
- Handpiece head angles: 70° contra-angle
- Gold HP tip diameter range: 200 – 1200 μ m
- Turbo tip focal diameter range: 500-1100 μ m
- Output divergence: = 8° per side
- Mode: Multimode
- Aiming Beam: 635nm (red) laser, 1mW max (safety classification 1)*

- Water Level Sensor Beam: 635nm laser, 1mW max (safety classification 1)
- Nominal Ocular Hazard Distance (NOHD): 5cm

Comes with 2 HandPieces (TURBO & GOLD)