Wavelength and Max. Power	450nm: 3W@CW, 5W@pulse 635nm: 400mW@CW 810nm: 6W@CW, 9W@pulse 980nm: 8W@CW, 12W@pulse
Pulse Duration	10μs–0.9s
Pulse Repetition Rate	Up to 50kHz
Tip Diameter	200μm, 300μm, 400μm
Power Supply Input	100–240VAC, 50–60Hz
Battery Pack	Li-ion Rechargeable, Last for one week with normal use
Size / Weight	214 x 150 x 149 mm, 1.6kg

APPLICATIONS

Surgery	Gingivectomy/Gingivoplasty
	Implant Uncovery
	Operculectomy
	Frenectomy/Frenotomy
	Hemostasis
	Herpes
	Aphthous Ulcers
	Fibroma
	Abscess Excision
Periodontology	Periodontal Pockets
	Peri-implantitis
Endodontics	Pulpotomy
	Root Canal Disinfection
Bio-Stimulation	Temporary Pain Relief
	TMJ Disorders
Cosmetics	Dentine Hypersensitivity
	Tooth Whitening
	Gingival Recontouring
	Gingival Pigmentation

OUR GLOBAL SALES NETWORK



LAZON MEDICAL LASER CO., LTD.

Tel: +86-24-31610402
Email: service@lazonlaser.com
Web: www.lazonlaser.com

LAZON Medical Laser

SOLASE PRO

DENTAL DIODE LASER



www.lazonlaser.com

THREE WAVELENGTHS
HUNDREDS OPTIONS

SOLASE Pro can emit three wavelengths of laser from a single device. Each wavelength has better curative effect on specific indication.

450nm Blue Laser

Traditional laser needs tip initiation to cut soft tissue, which is time-consuming and highly dependent on operator's experience. The cutting efficiency is dramatically different between good and bad tip initiation. Blue laser is strongly absorbed by proteins, with 60 times absorption higher than that of traditional lasers. It can cut tissues at very high speed without tip initiation to reduce thermal damage and guarantee the excellent repeatability of cutting effect. Moreover, the photon energy of blue laser is twice that of traditional laser. So it can quickly activate the molecules of whitening gel, and the whitening effect is several times stronger.

980 / 810nm Near Infrared Laser

With strong anti-bacterial and anti-inflammatory effects, it is very suitable for periodontitis and root canal disinfection.

635nm Red Laser

635nm is in the optical window of human body, so it can penetrate very deep to reach the affected area. With excellent photobiomodulation effect, it is very suitable for laser therapy, such as pain relief and wound healing acceleration.



FOCUS ON DETAILS
STRIVE FOR PERFECTION



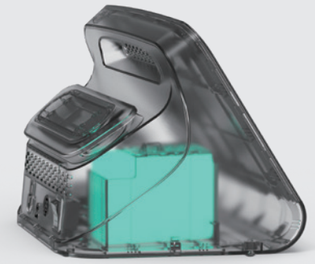
8-inch IPS Touchscreen

Works with wet hands and medical gloves



Built-in High-performance Lithium Battery

Last for one week in normal use





High-end Suitcase

Waterproof, dustproof and shockproof

Waterproof Wireless Footswitch

Connection with AES-128 encryption



INTELLIGENT SYSTEM TECHNOLOGY FUTURE

SOLASE Pro updates its widely acclaimed operation system based on Android after a variety of upgrades to make it more humanized and intelligent.



ENGINEERED FOR DURABILITY BEYOND STANDARD

Quality is always our core value. To pursue this goal, SOLASE Pro has carried out 105 additional reliability tests beyond CE and FDA standards.



Handpiece Dust-burning Test

The output window of laser handpiece can be easily burned after being contaminated, which is a common problem in the laser industry. Lazon developed over three years for its FiberDura technology to completely solve this problem. Verified by test, the laser-emitting window filled with graphite powder remains undamaged after working for 2 hours under 3W laser output.



Footswitch IPX8 Waterproof Test

2 meters underwater for 30 minutes, no damage



180-day Stability Test

After continuously working under highest laser output for 180 days, the power drop does not exceed 0.2W



12-hour Vibration Test

Continuous vibration for 12 hours

Thermal Shock Test

-20℃~60℃ rapid temperature shock, 5 cycles

Fiber Tips Insertion Test

After plugging to the laser handpiece for 1000 times, the power drop does not exceed 0.2W

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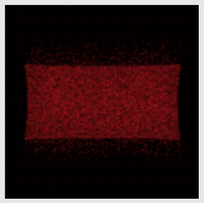




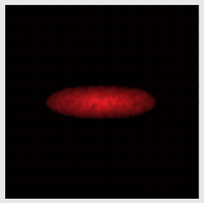
WHITENING HANDPIECE

Full-mouth Flat-top Whitening Handpiece

Long and non-uniform laser irradiation will seriously increase pulp chamber temperature and may cause irreversible pulpal damage. LAZON provides the world's first full-mouth whitening handpiece to reduce the irradiation time to 1/4 of the conventional quarter mouth handpiece, with excellent uniform illumination to ensure same whitening effect on each tooth and to prevent pulpal damage due to intense local illumination.



Laser spot of whitening handpiece from LAZON: Large and Uniform



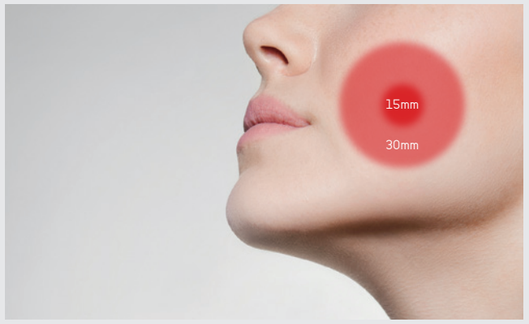
Laser spot of whitening handpiece from others: Small and Non-Uniform

THERAPY HANDPIECE

Laser Spot Diameter 15-30mm Adjustable

The diameter of our new designed therapy handpiece can be adjusted from Φ15-30mm to cover the affected area with different size.

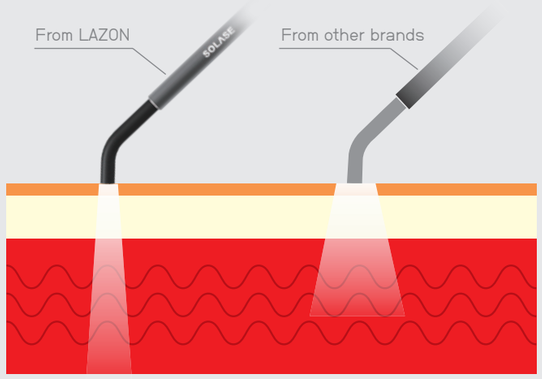
- All metal construction, rugged and durable
- Autoclavable spacer to prevent cross-infection



BIOSTIMULATION HANDPIECE

Deeper Penetration by Collimated Laser Beam

Our specially designed biostimulation handpiece makes collimated laser beam, which can penetrate into the deeper tissue to get a better laser therapy effect.



FastFiber TIPS

Pre-initiated Tip with Peel-Resistant Coating

FastFiber tips are disposable and autoclavable. It is ready to use, no need for fiber stripping and cutting. It saves your time and avoids cross-infection.

LAZON has developed a new pre-initiated tip with a durable, peel-resistant black coating. The special coating withstands high temperature during laser cutting, ensuring a smooth and fast surgical treatment.

