Gigaa

INNOVATION LASER TECHNOLOGIES

LASER Dentistry

Smaller
Smarter
Powerful

CHEESE Plus

225x130x120mm

1.8 KG

Four *Wavelengths* Combined
Multifunction
Dental Diode Laser System

CE ANVISA FDA 510(K)

K230047
K160549
K151890

Healthy smiles ahead.

Wavelength Comparison Summary

Wavelength	Main Applications	Key Benefits
445 nm	Soft tissue, photodynamic therapy	Targeted tissue effect, minimal thermal damage
635 nm	Low-level laser therapy, pain relief	Promotes healing, reduces inflammation
810 nm	Gingivectomy, whitening	Coagulation, user-friendly
980 nm	Soft tissue surgeries, peri-implantitis	Deep penetration, versatile
1064 nm	Soft tissue, periodontal, endodontics	Excellent penetration, effective coagulation

Multi wavelengths combined system

Using different wavelengths together in dental lasers can lead to improved results for certain procedures. Here are some reasons why combining wavelengths can be beneficial:

1. Synergistic Effects

- Different wavelengths can target various tissue types and conditions, allowing for more comprehensive treatment. For example, one wavelength may be effective for cutting soft tissue while another excels in promoting healing.

2. Broader Application Range

- By combining wavelengths, practitioners can address a wider variety of clinical situations, from hard and soft tissue procedures to therapeutic applications.

3. Enhanced Tissue Response

- Different wavelengths can stimulate different biological processes, potentially improving tissue regeneration and healing. For example, certain wavelengths may promote increased blood flow and reduced inflammation.

4. Reduced Thermal Damage

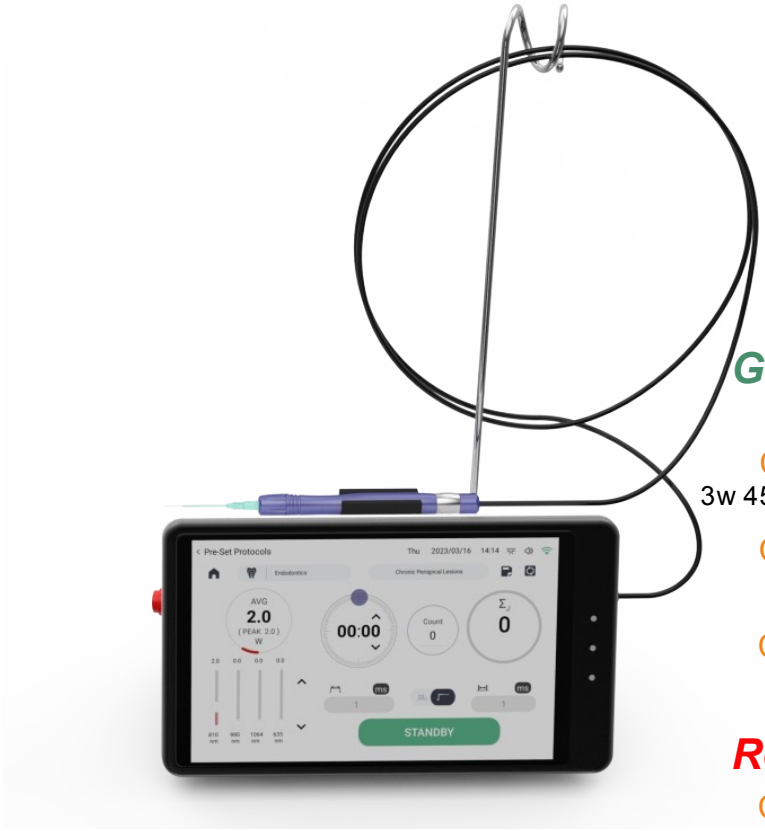
- Using complementary wavelengths may allow for more controlled energy delivery, reducing the risk of thermal damage to surrounding tissues.

5. Improved Outcomes

- Combining wavelengths can enhance overall treatment efficacy, leading to better patient outcomes and satisfaction.

Whatever your smile

LASER
is the answer



Green Indicator -- 5mw 532nm

Brighter than Red/less harmful to the eyes

CP-G23 (Max output power 23.2w)

3w 450nm+200mw 635nm+10w 980nm+10w 1064nm

CP-G18 (Max output power 18.2w)

3w 450nm+200mw 635nm+15w 810nm

CP-G13 (Max output power 13.2w)

3w 450nm+200mw 635nm+10w 1064nm

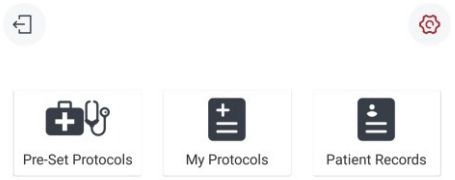
Red Indicator -- 500mW 635nm

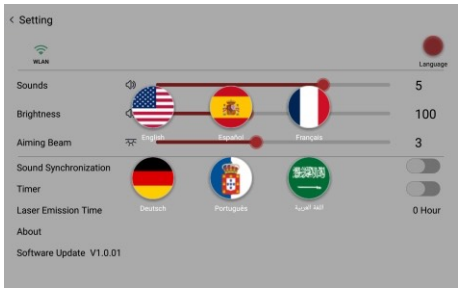
CP-G20 (Max output power 20.5w)

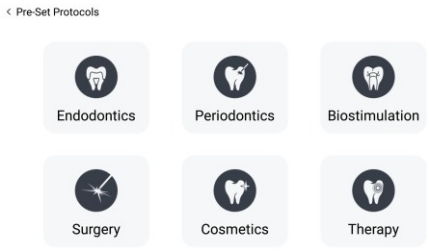
500mw 635nm+20w 980nm

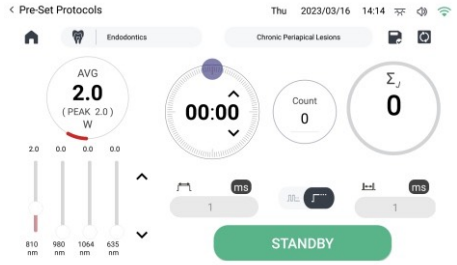
CP-G23 (Max output power 21.2w)

3w 450nm+200mw 635nm+10w 980nm+8w 810nm







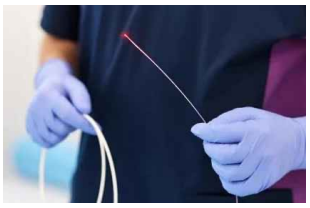


Advanced Dental Kit

1pc basic handle
200um surgery fiber 3m Optic fibers inside
30pcs surgery tips (200um/300um/400um for choice)
1 pc bleaching tip
2pcs biostimulation tip (3mm/10mm)
1pc TMJ tip
With suitcase

Surgery Pen 2.0

SurgeryPen 2.0 is a modular system for the guidance and fixation of a laser fiber or a waveguide and is comprised of a handle, a Tuohy-Borst adapter and various attachments with cannulas.



Surgery Fiber

Laser Surgery Fiber
200µm/ 300µm/ 400µm/ 600µm
Standard SMA 905 connector with knurl nut,
Black protection cap, engraved extension sleeve blue
Blue bend protection, distal flat tip, cleaved, NA 0.37
Length 3m +/-0,2m, sterile EO, disposable packed
Gigaa Label, 24 months shelf life

Doctor Goggles

Optical Density : 190-460nm OD4+
630-660nm OD2+
800-1100nm OD5+
LB-Rating : 315-460nm DIR LB4
630-660nm DIR LB2
800-1100nm DIR LB5

GIGAALASER is specializing in the design
and manufacture of medical lasers.
Our products cover some disciplines of surgery,
beauty, Lipolysis, therapy and veterinary medicine.
We have a strong emphasis on research
and development, production, service and training.

E-Catalog
Rev. Eng_05_2024