

HL-3100

Holmium Laser



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

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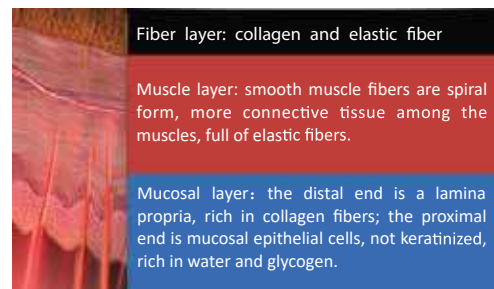
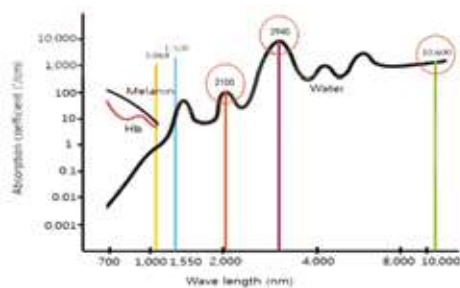
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▶▶ ATL

Unique 2100nm Holmium fractional laser and micro-pulses technology

Unique 2100nm wavelength -

2100nm is golden adsorption wavelength to vaginal tissue with lowest water adsorption, single pulse can reach the muscle layer, promotes muscle protein hyperplasia and muscle fiber stronger. Effectively improve the vaginal bulging, urine leakage and relaxation, the effect is more obvious and lasting.



Single pulse up to 12000W laser power, combination with 300ms micro plus of ultra short plus width. Photothermal effects and photochemical shockwave stimulate vaginal and elastic fiber to tighten instantly and regenerate the collagen, meanwhile gently blasting the moisture in the mucosal ending cells, including vaginal surface reconstruction, restore pink color and soft texture, effectively increase sensitivity and lubrication during the excitement.

▶▶ Smooth Treatment Mode

The Golden standard of Smooth treatment mode (Defocus multi-pulse heat transfer technology) with 6 pics of micro pulses, precisely control vaginal tissue layers (mucosa/muscle/fiber) under a proper temperature, achieve best photothermal simulation and non-invasive treatment.

▶▶ Honeycomb fractional emission and 360° annular tip spot

By the gilded 360° reflector lens, 2100nm laser is emitted to vaginal tissue by the fractional way, keeping the heat dispersion area, the vaginal surface tissue is more evenly heated. Accelerate to repair and reconstruct the tissue, more comfortable and safe treatment, no downtime. No need to rotate the handle during operation, convenient and fast.

▶▶ Disposable sterile treatment tip

Equipped disposable sterile treatment tip for every patient, no need to have extra sterilizing equipment, clean and safe, completely eliminate the risk of cross infection.

►► Technical parameters

Laser generator :	Ho3+: YAG solid laser
Laser wavelength :	2100nm±5nm
Laser power :	30/40/60W(pulse average power) optional
Working mode :	Repeat pulse
Energy density:	10-5000mj adjustable
Pulse width:	250-800μs adjustable
Frequency :	1-20Hz adjustable
Emission model :	Factional spot
Treatment area :	Normal; VRL; LVT
Treatment mode :	Smooth; so; CW
Instability :	≤±8%
Replicability :	≤±8%
Output mode :	2.5m/SM905 standard port; diameter Φ550um/quartz fiber transmission
Indicator :	Green light/wavelength 532nm/power≤5mw
Treatment handle A :	Honeycomb 360° annular treatment handle with disposable sterile tip
Treatment handle B :	Fractional scan tip
Display :	8 inch color touch screen; 9.7mini laptop
Power :	AC220V,50Hz, 3500W
Dimension :	105cmx45cmx110cm
Net weight :	80kg

▶▶ ATL

Clinical application

- Vaginal examination by colposcopy screening
- Vulva tightening and turning the black into pink
- Smooth muscle and Vaginal pelvic floor tightening
- Vaginal mucosa repair (sensibility and moisture promotion)

ATL utilizes the advanced guided endoscope on the top of treatment tip, by using a thin catheter to treat precisely under the video, allowing the patient and operator to observe synchronously, reduce the clinical risk maximumly.

- Before the treatment, exclude the unsuitable patients by observing vagina and cervix with the chance of inflammation, erosion, polyp, vasodilation, bleeding etc., and record it if with permission to make it true to assess.
- During the treatment, monitor the changes of the vaginal tissue and modify the parameters for different area and the sensible area. Reduce the missing and repeated area, more uniform and manage abnormal reactions such as intraoperative bleeding timely.
- After the treatment, assess the instant reaction of tissue heating and congestion, evaluate the clinical effect, take photos and record for follow-up observation and academic study.

➔ The first and innovative vaginal treatment laser deep into muscle layer
 Realize more layers' full improvement: mucosa, muscle, collagen and fiber

➔ The first and innovative vaginal treatment laser with endoscope for visible operation in sync.
 Realize synchronous checking, accurate operation and postoperative effect evaluation.

Full application to vaginal treatment
 (Examination) - (Tightening) - (Moisturizing) - (Pink and soft)

Honeycomb annulus 360° tip irradiation combine with disposable sterile treatment tip
 SAFE, ACCURATE, COMFORTABLE, NON-INVASIVE, LONG LASTING EFFECT

ATL -

2100nm Holmium laser for vaginal treatment

- Visible in sync
- Disposable treatment tip
- Honeycomb fractional micro-pulses
- Vaginal more layers' care

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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

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Our Products & Technologies



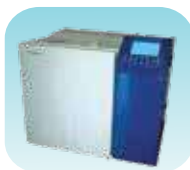
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Urine Analyzer



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system

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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