



SinoLaser System & Equipment Co., Ltd.

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MEDICAL PRODUCTS CATALOGUE

1. SurgiLas (High Power Medical Diode Laser System—30W, 980nm/810nm)



With newly developed High Power Diode Bar as their energy source resulting in higher efficiency, longer operating life and easier servicing, SurgiLas combines lasers with clinical efficacy, operation efficiency and bottom-line cost effectiveness in a versatile, compact and easy to use system.

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Features

- High reliability with cost effective maintenance.
- Precise and rapid operation with color touch screen.
- Portable, compact and lightweight structure.
- With kinds of accessories for wide clinic requirements.
- Minimal maintenance requirements.

Main applications

- EndoVenous Laser Treatment (EVLT)
- Percutaneous Laser Disc Decompression (PLDD)
- Otorhinolaryngology (ENT)

Dacryocystorhinostomy(DCR)

Turbinectomy

Endo sinus surgery

Stapedectomy

Nasal polypectomy

LAUP

Laryngeal tumors & polyps

Tonsillectomy

Glossectomy

- Hemorrhoidectomy
- Vaginal rejuvenation

- Neuro surgey
- Urology
- Neoplasms
- Dental

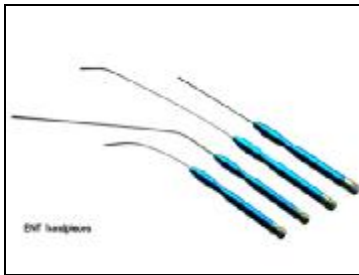
Specifications

Laser Type	GaAlAs Laser Diode
Wavelength	810nm /980nm(±5nm)
Output Power	0.5 - 30W
Treatment Mode	Continues Wave, Single Pulse, and Repeat Pulse.
Pulse Duration	100-1000ms
Pulse Frequency	0.1-10Hz
Aiming Beam	laser diode 635-655nm, ≤1mW
Operating Panel	Color LCD with touch screen
Cooling	Forced air
Power Supply	120-240V, 50-60Hz, 5A, single phase
Dimensions	227mm x 350mm x 480mm
Weight	15kg
Fibers	400µm, 600µm and 1000µm, Standard SMA 905

2. FD-5/15-A (5W / 15W, 980nm / 810nm)



This type of diode laser is an all-purpose medical laser. It can be used in several sections when assorted with different accessories.



ENT Handpiece



Dental Handpiece



Focus Handpiece

Specifications

Laser type	GaAlAs diode laser
Wavelength	980nm-5W, 810nm-15W
Output power	5W/15W
Treatment mode	Continues Wave or Pulse
Frequency	up to 10,000Hz
Pulse duration	10 μ s~100ms
Transmission system	400 μ m-5W, 200 μ m-15W.
Electronic control	Microprocessor
Control panel	color touch screen
Power supply	AC110V/3A/50-60Hz, AC220/1.5A/50-60Hz
Aiming beam	635nm, <5mW
Cooling system	Forced air
Dimensions	330mm x 220mm x 210mm
Weight	8.6kg

3. IPL System (AD-50-A)



Handpiece



Light-Guide

Applications

- Hair removal

Removal of unwanted hair from any part of body.

- Sun damage, Rosacea, Redness

For dilated vessels, as seen in patients with sun damage and rosacea, the light energy with high absorption by hemoglobin and oxyhemoglobin reaches the dermal capillary bed and selectively destroys the abnormal vessels. The IPL technology is also effective in relieving the redness and flushing of the face and chest associated with rosacea.

- Pigmentation Abnormalities, Brown Spots, Age Spots

For pigmentary abnormalities such as brown spots, age spots, melasma, as seen in patients with aging skin and sun damage, or due to pregnancy or menopause, the IPL energy is selectively pigmented cells, resulting in a more even complexion.

- Facial Telangiectasias, Vascular Lesions

IPL has provided an effective solution for benign vascular lesions such as facial telangiectasias or leg veins. As oppose to the pulse dye laser, which has been used for those conditions in the past, IPL provides the added benefit of reducing the redness associated with these conditions.

- Skin Texture, Wrinkles, Enlarged Pores, Acne Scars

IPL also effectively improves skin texture, fine lines, wrinkles, acne scars as well as reduces pore

size, due to new collagen deposition in the dermis. A series of treatments with a particular wavelength can lead to smoothing of deeper wrinkles and firming of sagging skin.

Advantages

- Little, if any, pain
- No anesthetic needed
- Little bruising or swelling
- No down time

Specifications

Light source	Intense Pulse Light
Handpiece wavelength	530nm, 640nm, 430, 755nm etc.
Output energy	1-50J/cm ² , 1J/cm ² Continuously adjustable
Therapy pulse number	Optional from one pulse, two pulses, three pulses
Pulse width	1-10ms, 0.1ms Continuously adjustable
Pulse delay	1-100ms, 1ms Continuously adjustable
Pulse output mode	Multi modes are optional
Spot size	15 x 35mm ²
Operation screen	10.4" color touch screen
Electrical requirement	220V±10%, 50Hz
Dimension	1200mm x 650mm x 430mm
Two Headpieces	Energy meter is optional

4. IPL System (AD-50-B)



NEW IPL SYSTEM

Specifications

Light source	Intense Pulse Light
Handpiece wavelength	530nm, 640nm, 430, 755nm etc.
Output energy	1-50J/cm ² , 1J/cm ² Continuously adjustable
Therapy pulse number	Optional from one pulse, two pulses, three pulses
Pulse width	1-10ms, 0.1ms Continuously adjustable
Pulse delay	1-100ms, 1ms Continuously adjustable
Pulse output mode	Multi modes are optional
Spot size	15 x 35mm ²
Operation screen	5.7" touch screen
Electrical requirement	220V±10%, 50Hz
Dimension	420mm x 430mm x 370mm

5. HairDens (Hair restore device, LED & LLLT)



The HairDens is a personal device that restores hair and scalp safely, using LED & LLLT technology, utilizing ultra modern semiconductor.



**470nm blue LED radiation diode stimulating endogenous protoporphyrin IX production.*



**660nm red LED radiation diode stimulating the blood vessel to the scalp.*



**Semiconductor laser with a wavelength of 850nm.*

The infrared penetrates deeply into the skin. The heated skin dilates the capillary vases and stimulates the circulation. Blood brings with it the necessary substances to nourish the human fabrics more quickly. The pores of the skin, as a result, are more open.

The treatment works like a massage, and the use of infrared light allows for:

- *Elasticity of the skin*
- *Cutaneous blood flow*
- *Greater cutaneous oxygenation*
- *Increase of the blood flow*
- *Increase of cellular metabolism*

Specifications

Laser Wavelength	850nm, 5mW
LED Wavelength	red light 660nm / blue light 470nm
Operation period per one time	10 minutes
Operating Voltage	9V DC Adaptor / 4 x 1.2V Charger Battery
Weight for the main body	300g
Output Power	5mW
Size	55mm x 54mm x 28mm