

With newly developed High Power Diode Bar as the energy source resulting in higher efficiency, longer operation lifetime and easier servicing, **SurgiLas** combines lasers with clinical efficacy, operation efficiency and bottom-line cost effectiveness in a versatile, compact and easily-used system. To match the multi-specialty applications, the wavelength of 810nm and 980nm is optional.

Features

- * High reliability with cost effective maintenance
- * Precise and rapid operation with colour touch screen
- * Portable, compact and lightweight structure
- * Long lifetime
- * With kinds of accessories for different clinic requirements
- * Minimal maintenance requirements

Main Clinic Applications

Endovenous Laser Treatment (ELT)

Endovenous Laser Treatment(ELT), is an alternative to surgical stripping of certain underlying veins that are the source of surface varicose veins. Endovenous Laser Treatment is done in-office under local anesthesia. It works by heating the inside of the vein, which causes it to seal shut and disappear.

The **SurgiLas** diode laser system is ideal for vascular, excellent for treating superficial reflux of the great saphenous veins, reticular vein, spider veins, vascular lesions, and many other applications. **SurgiLas** virtually eliminates collateral tissue damage and maintains a controlled depth of laser penetration, resulting in minimized patient discomfort and recovery time.

ENT

Operating at a wavelength of 810nm/980nm in the near infra-red portion, the **SurgiLas** laser provide good haemostasis effect and bloodless operating due to high absorption in melanin and haemoglobin, even in high vascular areas such as nasal polyps.

SurgiLas laser can be used in two ways: By using the fibre in a so called 'contact' mode with the tissue for incision, excision, vaporisation or coagulation of tissue that generates a narrow zone of coagulation or in a so called 'non-contact' mode coagulation of 1-3mm.

Main Applications

Dacryocystorhinostomy (DCR)
Turbinectomy
Nasal polypectomy
Tonsillectomy
LAUP
Glossectomy
Endo sinus surgery
Laryngeal tumors & polyps
Stapedectomy

Other Applications

- * Hemorrhoidectomy
- * Vaginal Rejuvenation
- * PLDD
- * Neuro surgery
- * Urology
- * Neoplasm
- * Dental

Accessories

- * Bare fibers 200µm-1000µm
- * 400-1000µm fibers with ball tip or conical tip
- * Air-cooled sheathed fiber, saccterfree fiber
- * Handpiece for ENT
- * Focus handpiece

Specifications

Laser type	GaAlAs Laser Diode
Wavelength	810nm/980nm(±3nm)
Output power	0.5~30W
Treatment mode	CW, Single pulse, Repeat pulse
Pulse duration	100~1000ms
Pulse frequency	0.1~10Hz
Aiming beam	Laser diode 635~655nm, ≤1mW
Operating	Colour LCD touch screen
Cooling	Forced air
Power supply	120~240V, 50~60Hz, 5A, single phase
Dimensions	480mm x 350mm x 227mm
Weight	15kg
Fiber	400µm, 600µm and 1000µm, Standard SMA 905

