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GIGAA LASER

GBOX™

Portable Blue Surgery Laser Systems



Wuhan Gigaa Optronics Technology Co.,Ltd.

www.gigaalaser.com

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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Portable Blue Surgery Laser Systems

SOFT TISSUE SURGERY LASER

The GBOX 445nm blue laser represents an innovative extension to the already established surgery laser systems. "CO2 + KTP"-like laser unit for coagulation, vaporisation and bloodless surgery thanks to its peak absorption in hemoglobin and its permeability in water. The blue laser light interacts better with the tissue components hemoglobin or melanin. At 445 nm, this enables considerably better and gentler cutting, even at lower power. Improved cutting performance make it ideally suited to all surgical applications and for hemostasis.



Features

- Compact design makes it small in size and light in weight, easy to transport;
- The green aiming beam improves the alignment and the exact sighting during the treatment;
- "Co2 + KTP"-like laser unit for coagulation, vaporisation and bloodless surgery;
- Both contact and non-contact mode cutting with simultaneous coagulation;
- Fiber guide laser compatible with various endoscopic use.

Main Clinical Applications

SURGERY / GYNECOLOGY

ENT

- Treatment of early Laryngeal Carcinoma
- Dysplasia Removals
- Endoscopy / Micro endoscopy
- Fibroma and Granuloma Resection
- Glottic Carcinoma Resection
- Haemangioma and Ectasia Coagulation
- Congenital Larynx Stenosis
- Larynx / Oropharynx
- Laser-assisted Uvulopalatoplasty
- Microsurgery of the Vocal Fold
- Neoplastic Stenosis
- Otology
- Papillomatosis
- Partial Glossectomy
- Polypectomy in the Vocal Cord area
- Reinke-Oedema
- Rhinology
- Vocal Cord Nodules
- Telangiectasia
- Tonsillotomy
- Tracheal Stenosis
- Tumour Excision
- Vascular Lesions
- Zenker's Diverticulum
- Cysts, Mucoceles
- Cyst Removal

VETERINARY MEDICINE

General Veterinary Medicine

Technical Specifications

Laser Type	Diode Laser
Model	GBOX-10M
Wavelength	445nm
Maximum Power	10W
Operation Mode	CW, Single or Repeat Pulse
Pulse Duration	25μs-10s
Repetition Rate	0.05Hz-20KHz
Transmission system	Fibers Of 400μm And 600μm With SMA905 Connector
Pilot Beam	Green Diode Laser of 532nm, Power≤5mW
Control Mode	True Color Touch Screen and Encoder knob
Voltage/Current Rating	110/220 VAC, 5A , 50/60 Hz
Dimensions	215(W)*245(L)*315(H) mm
Weight	4Kg

Accessories



Fiber



ENT Handpiece

Clinic cases

Please visit our website www.gigaalaser.com for more videos.

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