

ONE STOP SOLUTION



GROWON MEDICAL TECHNOLOGY

- Surgical Laser Cautery & Vessel Sealing Systems
- ICU & Anesthesia Ventilator ■ Physiotherapy Equipments

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MAKE IN INDIA



GROWON MEDICAL TECHNOLOGY



Cora Series

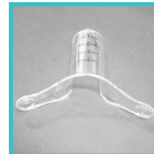
DIODE LASER FOR PROCTOLOGY AND VARICOSE VEINS

Models

Vital Lase
15W, 980nm

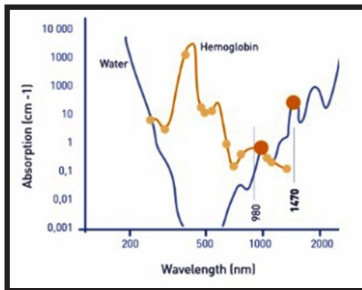
Trident
10W 980nm +10W 1470nm

Aqua Plus
15W (1470nm + 650nm)



Straight and Curved Handpieces

Transparent Proctoscope



GMT presents two wavelengths 980nm and 1470nm.

The 1470nm laser targets water in the tissue very well and thus is able to achieve great tissue shrinkage due to desiccation.

The 980nm laser targets pigments like haemoglobin, oxyhemoglobin and melanin. Thus it is highly effective for cutting and coagulation. It also achieves higher penetration of effect.

The surgeons have the flexibility to choose from both these wavelengths as per their requirements and suitability for their application.

Magic Pulse Technology is a unique technology by DSL. It is a simultaneous energy of 980nm & 1470nm, which is most effective for Superficial Photoablation & Photosterilisation.

The laser is calibrated to deliver precise energy for precise outcomes.

DSL laser solutions are designed to work reliably in Indian conditions with their heavy-duty German diodes and superior heat sinks.

The guidelines settings provide the most conventional settings while the surgeon can change them as per specific patient requirements.

DSL lasers are feature rich that provide better clinical outcomes, safety and ease of use

TECHNICAL SPECIFICATIONS

Specifications	Vital Lase	Aqua Plus	Trident
Maximum Power	15W	15W+ 200 mW	10W + 10W
Wavelength	980nm	1470nm + 650nm	980nm & 1470nm
Magic Pulse Technology	No	No	Yes
Mode	Continuous & Pulsed		
Aiming beam wavelength	650nm		
Interlock Key	Provided		
Optical Fibers	Bare, Radial and Conical		
Fiber thickness	600 Microns		
Fiber Connector	SMA 905A		
Fiber Length	3 Meters		

MAJOR APPLICATIONS

- Proctology (Hemorrhoids, Anal fissure, Anal fistula, Pilonidal sinus)
- EVLT (Varicose Veins)
- Liposuction
- LVR (Vaginal Rejuvenation)
- PLDD (Percutaneous Laser Disc Decompression)

Other Accessories :

- Doctor and Patient Eye Wear
- Optical Fibers
- Interlock Key
- Power Cable and Adapter
- Footswitch with Cable
- Metallic Carry Box and Key



CORE-3 00

Light weight Compact easy to use, low cost solid state analog electro surgical unit with 250 W cut, coagulation & bipolar mode.

MODE	DAIL	POWER	LOAD	OPERATING FREQ.
CUT	10	100 W	500	480 Khz
COAG	10	80 W	300	480 Khz
BIPOLAR	10	250	500	480 Khz

STANDARD ACCESSORIES



Chunk Handle with Electrodes Autoclavable



Bipolar Forcep with Cable Autoclavable



Monopolar Double Pedal Foot switch / Bipolar Single Pedal Foot switch



Disposable Hand Switch Pencil - Imported



Patient Plate with Cord Autoclavable

DIGITAL ELECTRO SURGICAL UNIT

GMT's new microprocessor based electro surgical units available in market with outstanding performance of monopolar (cut & Coag) & Bipolar.

In any types of surgery where high precision & reliability are essential, microprocessor control provides the user safety & performance during surgery.

These units has pure cut, are exceptionally smooth & start promptly even in irrigated procedures.

The blend gives a good hemostasis effect than cutting & spray coagulation which rivals the best spark gap generators & with minimum cutting effect. The isolated bipolar output, which has a non sparking characteristic, is ideal for microsurgery, neurosurgery, Laparoscopy & other application

CORA 500



DISPLAY : 7 SEGMENT LED
 DIMENSION(WXHXD) : 290 MM x 105 MM x 260 MM
 WEIGHT : < 4 KG
 KEYBOARD : FEATHER TOUCH
 INPUT SUPPLY VOLTAGE : 230VAC +15%@50/60HZ

MONOPOLAR MODE

CUT				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
PURE	99	400 W	500	480 Khz
BLEND 1	99	250 W	500	480 Khz
BLEND 2	99	200 W	500	480 Khz
ENDO CUT	99	99%	500	480 Khz

COAGULATION				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
SPRAY	99	120 W	500	480 Khz
FULGURATE	99	150 W	500	480 Khz
DESSICATE	99	150 W	500	480 Khz

BIOPOLAR MODE				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
SOFT	99	80 W	300	480 Khz
FORCE	99	80 W	300	480 Khz
CUT	99	100 W	300	480 Khz

VESSEL SEALING SYSTEMS

GMT's Comboseal is the most versatile Electro Surgical Generator with added feature of vessel sealing systems. it offers features and performance never before available in a single generator.

this is Technology which is different from conventional diathermy & provides a unique combination of pressure & energy to create vessel fusion & permanently fuses vessels up dissection or isolation.

An optimized combination of pressure & energy creates the seal by melting the collagen & elastin in the vessel wall & reforming it in to a permanent, plastic like seal & result in virtually no sticking or charring.

Feedback controlled response system automatically discontinues energy delivery when the seal cycle is complete.

COMBOSEAL



DISPLAY : 7 SEGMENT LED
 DIMENSION(WXHXD) : 320 MM x 120 MM x 300 MM
 WEIGHT : < 6 KG
 KEYBOARD : FEATHER TOUCH
 INPUT SUPPLY VOLTAGE : 230VAC +15%@50/60HZ

MONOPOLAR MODE

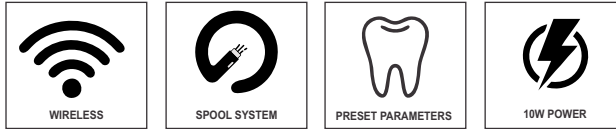
CUT				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
PURE	99	400 W	500	480 Khz
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COAGULATION				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
SPRAY	99	120 W	500	480 Khz
FULGURATE	99	150 W	500	480 Khz
DESSICATE	99	150 W	500	480 Khz

BIOPOLAR MODE				
MODE	PROGRAMS	POWER	LOAD	OPERATING FREQ.
BI-COAG	99	80 W	300	480 Khz
BI-CUT	99	80 W	300	480 Khz
SEAL	99	0-99%	300	480 Khz

DENTAL LASER

BRIGHT LASER
8W/980nm



- **PRECISE CUTTING EFFICIENCY WITH VERSATILITY OF TREATMENT OPTIONS**
- **INDIAN DENTAL LASER TO PROVIDE COST EFFECTIVE TREATMENT TO PATIENTS**
- **BEST EVER DENTAL DIODE LASER IN INDIA THAT OUTPERFORMS OTHERS**

ONE MILLION HEALINGS PER DAY

- **PHOTO ABLA**
- **PHOTO STERILIZA**
- **PHOTOBIMODULA**

TREATMENTS

- ★ **PHOTOSTERILISATION**
 1. Root Canal Steriliza
 2. Pocket Steriliza
 3. Laser Bacterial Reduc
 4. Sinus Tract
- ★ **PHOTOABLATION**
 1. Gingivectomy
 2. Frenectomy
 3. Tongue
 4. Gum Depigmenta
 5. Operculectomy
 6. Excision
 7. Leukoplakia & Lichen Planus
 8. Fibroma & Mucocele
 9. Gingival Troughing & Polyp
- ★ **PHOTOBIMODULATION**
 1. TMJ pain
 2. Trismus
 3. Aphthous ulcer
 4. Burning mouth syndrome
 5. Dry socket
 6. Post-operative healing
 7. Trauma
 8. Fibroma & Mucocele
 9. Orthodontic tooth movement

SPECIFICATIONS

1. Material – Semiconductor Diode
2. Inbuilt Power – 10W
3. Output Power – 8W
4. Wavelength – 980nm
5. Aiming Beam- 650nm
6. Fiber Connector – SMA 905A
7. Fiber Type – Optical Fiber
8. Fiber Thickness – 200um, 300um, 400um
9. Attachments – TMJ, LLLT, Teeth whitening hand piece
10. Packaging – Metallic Box & KEY
11. Foot switch – Bluetooth (Wireless)
12. Laser delivery – Surgical hand piece
13. Guiding canula – 16 gauge
14. Mode – CW/ Pulse
15. Frequency – 10khz
16. Technology- Super pulsed
17. Pulse duration – 900ms
18. Laser classifica
19. Main control – Power switch
20. Disable control – Emergency stop

ACCESSORIES-



One Million Healings Per Day