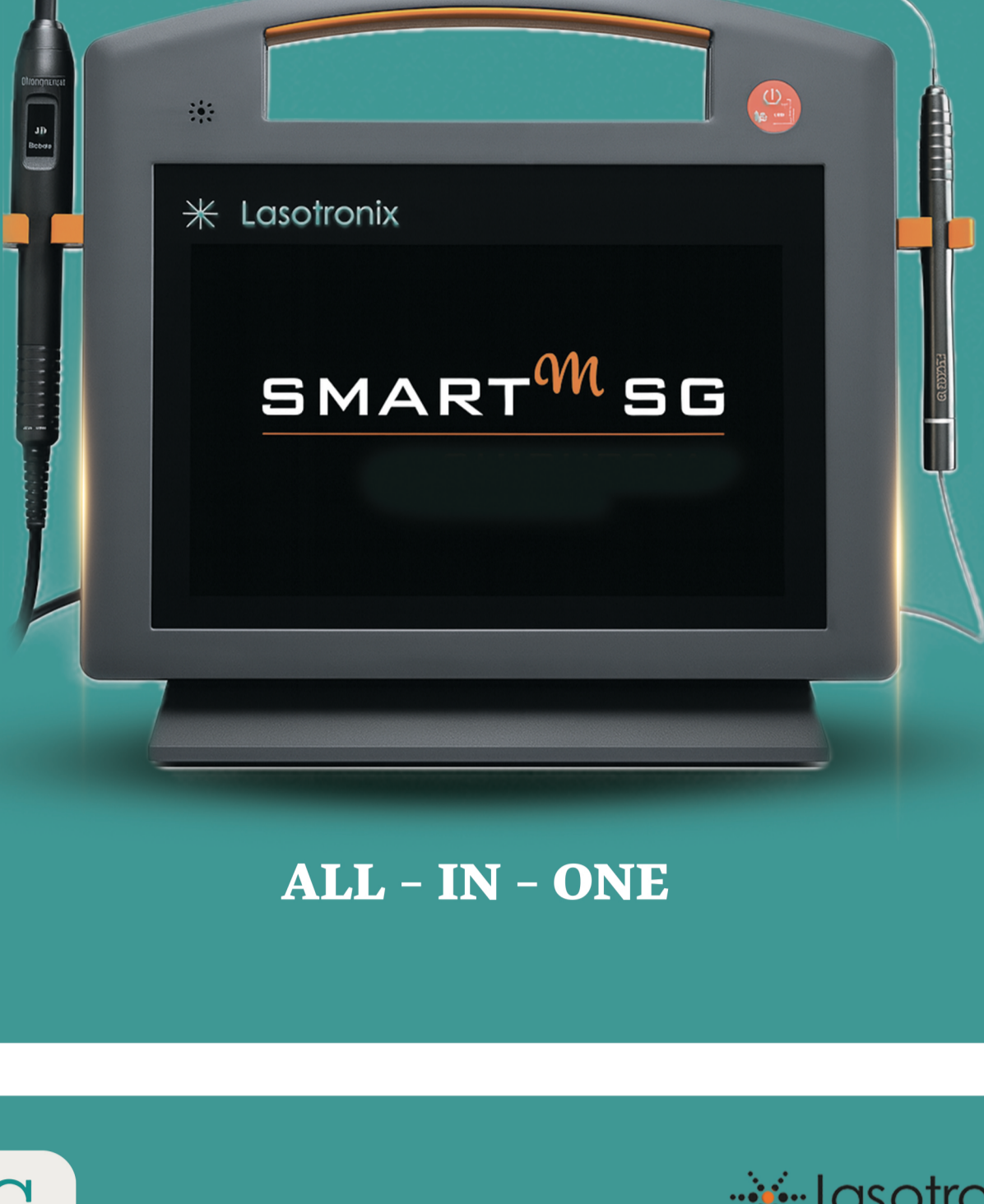


!BE SMART... START AND FEEL THE DIFFERENCE...



ALL - IN - ONE



TOUCH SCREEN
INTERFACE

HANDY GRIP

PROFESSIONAL
FIBERS

HOW LASOTRONIX SMARTMSG SURGERY IS A DEVICE UNLIKE ANY OTHER:

1. LASOTRONIX Gives 3 options of lasers :

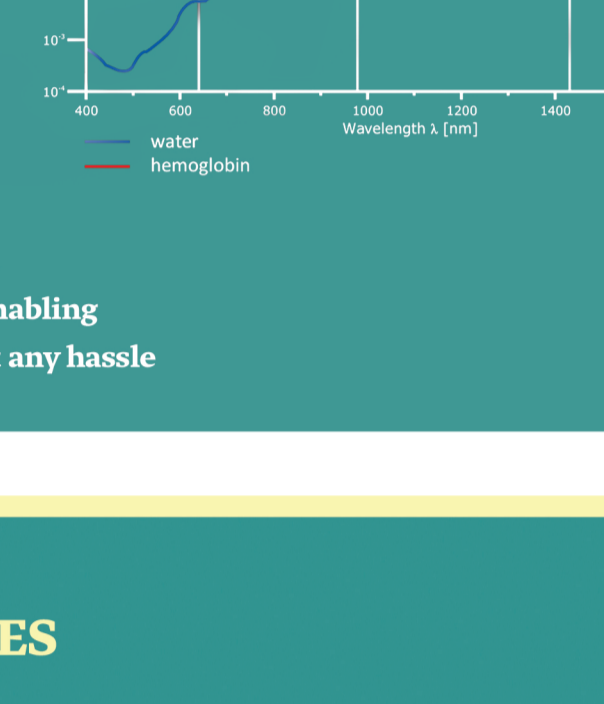
- A** 980nm with 15W or 30W: for the most versatile treatment modalities (among other hemorrhoids and contact surgery)
- B** 1470nm with 15W: for the safest operation (among other hemorrhoids and fistulas)
- C** 635nm with 0.5W: for surgical support (brilliant healing and regeneration effects)

2. Lightest diode laser: Unlike other 8-12 kg devices on the market, SMARTMSG weighs just 2.5 kg. It is portable and can be taken with you to all your hospital visits, anywhere.

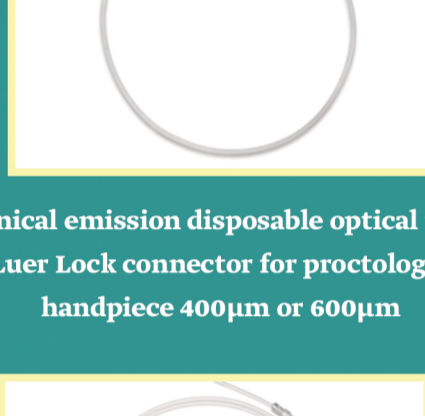
3. Lowest operating cost: The cost to run the machine is very low

4. Excellent portable packaging - this small yet powerful device comes in a convenient and safe carrying case including a foot switch and all supporting accessories.

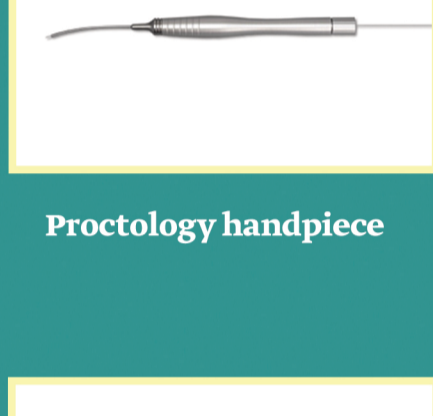
5. Comfortable workstation The laser is designed to be easily connected with any type of monitor arm. Besides, it can be mounted on an optional workstation, keeping all surgical laser accessories and the main unit in one place, enabling movements from one operating theater to another without any hassle



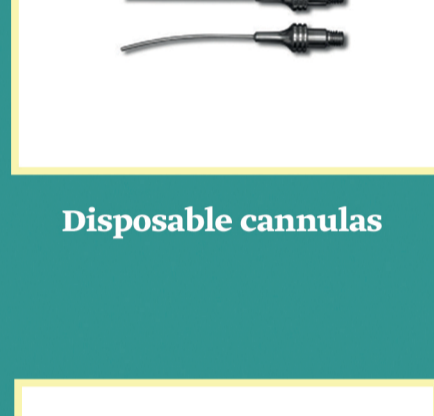
ACCESSORIES



Conical emission disposable optical fiber Luer Lock connector for proctology, handpiece 400µm or 600µm



Proctology handpiece



Disposable cannulas



Disposable or reusable bare fiber SMA905 connector/open-ended 400µm or 600µm fiber core,



Universal surgical handpiece



Reusable cannulas



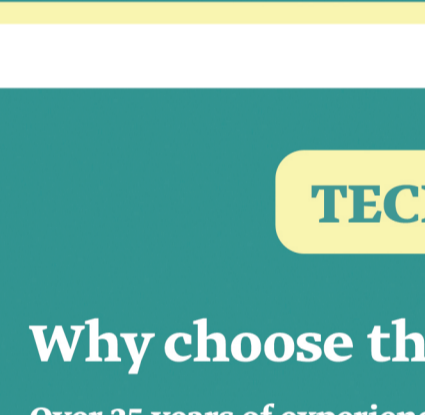
Radial emission disposable optical fiber SMA905 connector, 400µm or 600µm fiber core



SMARTV - USB key, database manual, and safety key in one



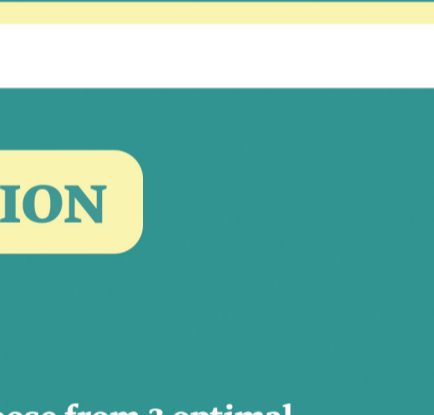
Safety glasses for the doctor, patient, and attendant



Footswitch



Complete set: laser and its accessories



Comfortable workstation

TECHNICAL SPECIFICATION

Why choose the SMARTMSG laser?

Over 25 years of experience in laser technology Freedom to choose from 3 optimal wavelengths (SMARTMSG 635nm, SMARTMSG 980nm, SMARTMSG 1470nm) Specially designed fibers (bare, conical, radial), handpieces, and cannulas for dedicated indications and applications Wide range of marketing and supporting materials, clinical articles/papers, and clinical training support Versatile, compact, lightweight, and appreciated design with a 7-inch touchscreen user interface Upgraded prestored protocols for each application with the option of future upgrades Economical to use Low maintenance costs and highly reliable diodes Flexibility for developing other customized parameters and OEM products

BENEFIT OF USING LASOTRONIX LASERS:

Any surgical patient, if given an option without a shred of doubt, would opt for a treatment that is:

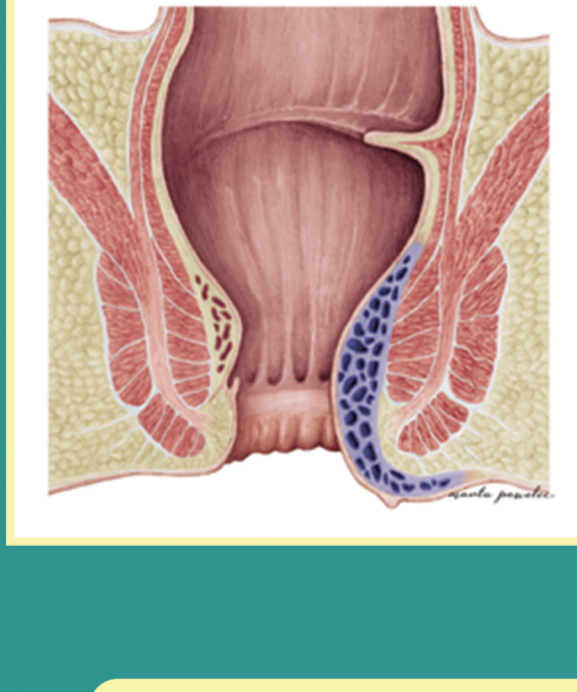
- Less Invasive
- Less painful
- Doesn't require hospital stay
- Less bleeding
- Less trauma
- Heals faster
- Doesn't cause any unsightly injuries and scars
- Can be treated in an ambulatory condition with just local anesthesia
- Lasts for no more than an hour

SMARTMSG CONFIGURATION	APPLICATIONS		
	PROCTOLOGY	MICROSURGERY	BIOMODULATION
980nm	✓	✓ ✓ ✓	
980nm + 635nm	✓	✓ ✓ ✓	✓ ✓ ✓
1470nm	✓ ✓	✓	
1470nm + 635nm	✓ ✓	✓	✓ ✓ ✓
1470nm + 980nm	✓ ✓ ✓	✓ ✓ ✓	
1470nm + 980nm + 635nm	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓

MINIMALLY INVASIVE LASER TREATMENT

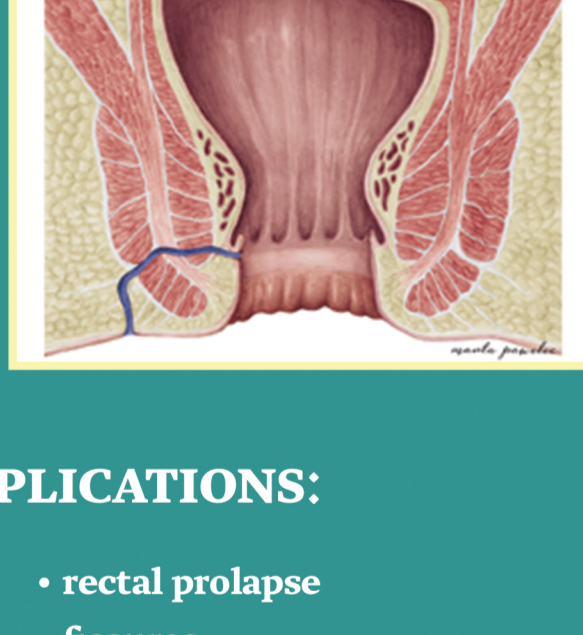
HEMORRHOIDS

Under LA/GA, laser energy is delivered by conical fiber directly to hemorrhoidal nodes and they will obliterate from inside and this will help to preserve mucosa and sphincter structure to an extremely high precision. Laser energy is used to close off the blood supply nourishing the abnormal growth. The laser energy induces destruction of the venous epithelium and simultaneous obliteration of the hemorrhoid by a shrinkage effect. Advantage of using laser compare to conventional surgery, fibrotic reconstruction generates new connective tissue, which ensures that the mucosa adheres to the underlying tissue. This also prevents the occurrence or recurrence of prolapsed hemorrhoids. The laser procedure can be executed in only a few minutes.



FISTULAS

Under LA/GA, laser energy is delivered, via radial fiber, into the anal fistula tract and is used to ablate thermally and close off the abnormal pathway. The laser energy induces destruction of the fistula epithelium and simultaneous obliteration of the remaining fistula tract by a shrinkage effect. The epithelialized tissue is being destroyed in a controlled way and the fistula tract collapses to a very high degree. This also supports and accelerates the healing process. Advantage of using diode laser using radial fibre compare to conventional surgery is, it gives a good control to operator, also allows to use in convoluted tract, no excision or splitting independent on the length of the tract. This laser procedure can be executed in only a few minutes



OTHER COLORECTAL APPLICATIONS:

- polyps removal
- skin tags
- condyloma
- rectal prolapse
- fissures
- pilonidal sinus, etc.