

# SMART<sup>M</sup>

...BE SMART... START TREATING AT LAST !





HANDY GRIP



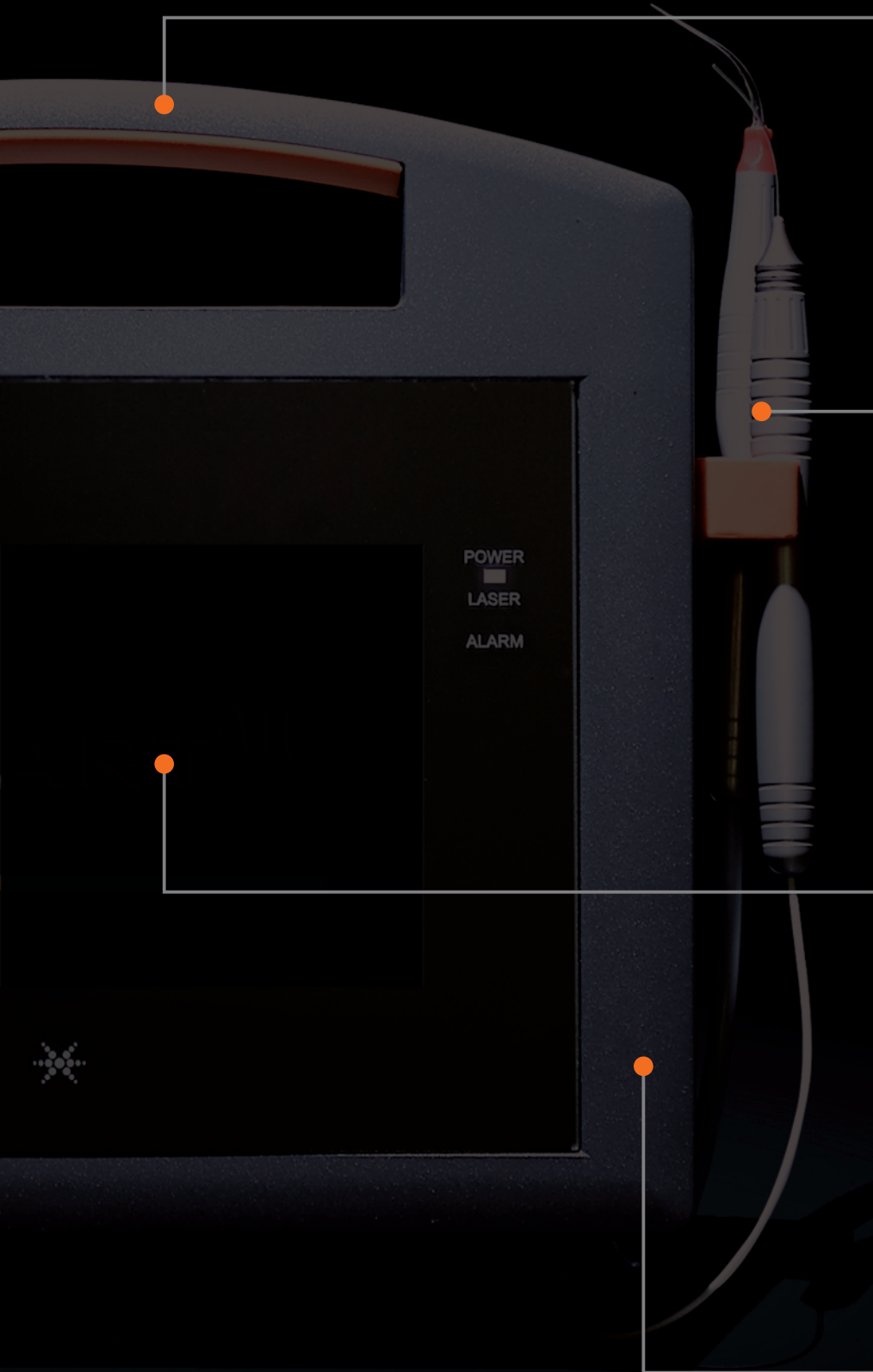
MULTIFUNCTIONAL HANDPIECES



TOUCH SCREEN INTERFACE



UP TO 1000 THERAPIES  
AND PATIENTS DATABASE



POWER  
LASER  
ALARM





Set for EVLT



EVLT Radial SLIM optical fiber  
400 or 600 $\mu$ m diameter



Lock Adapter for  
EVLT Catheter



Handpiece and tips  
set for microsurgery



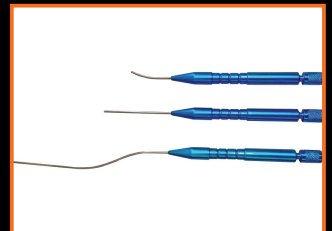
Optical fiber in silicone jacket,  
200, 320 or 400 $\mu$ m diameter



Variable zoom handpiece  
spot size: 1mm - 3mm



Tips set with treatment  
size: 1cm<sup>2</sup>, 2cm<sup>2</sup> and 10cm<sup>2</sup>



Handpieces set for ENT



SMART<sup>KEY</sup> - database,  
manual and safety key in one



Foot switch



Accessory case (handpieces,  
tips and optical fibers)



Complete set:  
laser and its accessories



Convenient carrying case



Emergency stop



Safety glasses for the doctor,  
patient and attendant



Comfortable workstation

# UNIQUE LASER TECHNOLOGY AT YOUR FINGERTIPS

SMART <sup>SM</sup> CONFIGURATION		SMART <sup>SM</sup> 10W-808nm	SMART <sup>SM</sup> 15W-980nm	SMART <sup>SM</sup> 15W-980nm 400mW-635nm	SMART <sup>SM</sup> 15W-1064nm	SMART <sup>SM</sup> 15W-1470nm
<b>RECOMMENDED APPLICATIONS</b>						
Microsurgery		●	●	●	●	●
ENT and Ophthalmology			●	●		
Flebology and Dermatology			●	●		●
Physiotherapy		●			●	
Orthopaedics (PLDD)			●			
Proctology						●
Podiatry					●	
<b>EQUIPMENT PACKAGE</b>						
Handpiece for microsurgery		●	●	●		
Needle tips		●	●	●		
Optical fiber (silicone jacket, SMA905 connector/opened, 320µm fibre core, 250 cm long)		●	●	●		
Safety glasses for doctor	980 nm	●	●	●	●	○
	635 nm	○	○	●	○	○
Safety glasses for patient (universal 635 and 980 nm)		●	●	●	●	○
SMART <sup>KEY</sup> - USB key, manual and personal patient database		●	●	●	●	●
Foot switch		●	●	●	●	●
Diamond knife		●	●	●		
Power cord		●	●	●	●	●
AC adapter		●	●	●	●	●
Accessory case		●	●	●	●	●
Transportation case		●	●	●	●	●
Comfortable workstation		○	○	○	○	○

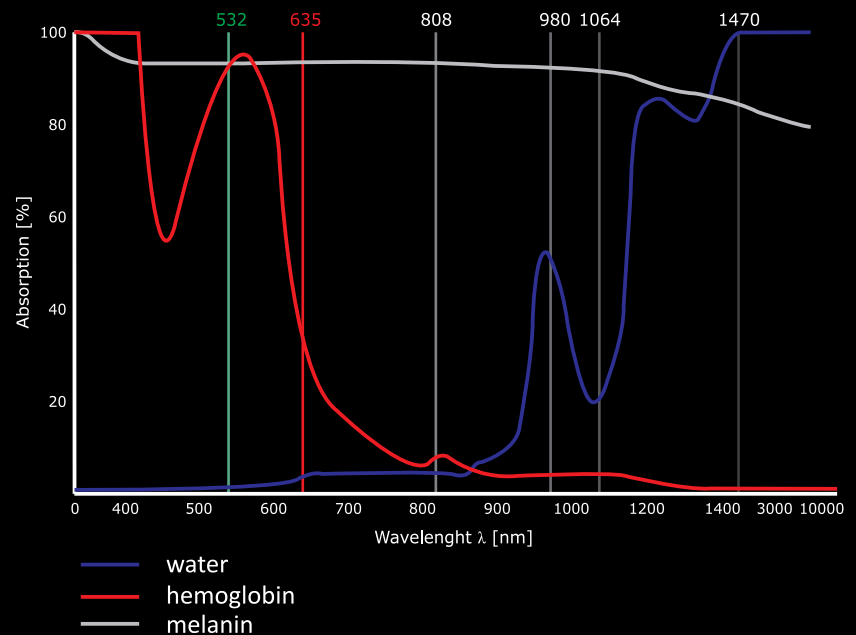
○ - optional

# LASER THERAPY BREAKTHROUGH

## WHAT WAVELENGTH IS RECOMMENDED ?

There is no existing radiation wavelength universal for all soft tissue applications. Some require high transmission, some other high absorption. Considering that human soft tissue is composed approximately in 70% of water, one has to consider absorption or transmission of laser radiation in this medium.

For some medical applications absorption in hemoglobin and melanin should be also taken into account.



Depending on medical applications the most needed laser source is built-in upon customer's request (up to 20W continuous power in the range from 532nm to 1470nm). For operation convenience either red or green aiming beam is delivered.

Wide range of application tips and handpieces, bare and radial fibers, PLDD or EVLT kits, flexibility of power and wavelength selection gives highest versatility of our truly **SMART<sup>™</sup>** device.

## WHY LASOTRONIX ?

- Over twenty years of experience in laser technology.
- **SMART<sup>™</sup>** real multi-application medical diode laser – wide variety of therapies and accessories included.
- Cutting edge technology.
- Expendable database of predefined therapy protocols which can be modified and assigned to a patient.
- Lowest operating costs.
- Our laser system actually works – properly selected 5 wavelengths with different radiation power 635nm - 400mW, 808nm - 10W, 980nm - 15W, 1064nm - 15W, 1470nm - 15W
- Flexibility of development other customized parameters and OEM products.

