

THE ALL-IN-ONE SOLUTION

► Swiss LithoClast® Trilogy - Fast, Easy, Safe Clinically proven solution for rigid lithotripsy.

► Automatic fiber door opening to make it even easier to connect fibers.

► Highly manoeuvrable tower eliminating the need for a cart.

► Air-cooled for a quieter treatment.



REFERENCES

LASERCLAST THULIUM POWER CONTROL UNIT FT-248#		
► 1x Foot pedal	EK-1007	► 1x Interlock connector
► 2x Set of safety goggles	DZ-020	► 2x Blast shield
► 1x Fiber stripper (0.3mm - 1mm)	DT-469	► 4x Fluid bag hook
► 1x Fiber stripper (0.1mm - 0.4mm)	DT-470	► 1x Power supply cable (as per country specifications)
► 1x Fiber cutter	DT-471	
SINGLE-USE SMARTFIBERS (SET OF 5x FIBERS)		10x REUSABLE SMARTFIBERS (SET OF 5x FIBERS)
► SmartFiber 150 µm	FR-352#	► SmartFiber 200 µm
► SmartFiber 200 µm	FR-177#	► SmartFiber 272 µm
► SmartFiber 272 µm	FR-185#	► SmartFiber 365 µm
► SmartFiber 365 µm	FR-179#	► SmartFiber 550 µm
► SmartFiber 550 µm	FR-181#	► SmartFiber 800 µm
► SmartFiber 800 µm	FR-350#	► SmartFiber 1000 µm
► SmartFiber 1000 µm	FR-348#	

TECHNICAL SPECIFICATIONS

LASER TYPE	Thulium Fiber Laser (TFL)
WAVELENGTH	1940 nm ± 20 nm
POWER OUTPUT	Nominal max. power output: 60 W
PULSE ENERGY	0,02-6J
OPERATING MODE	Pulsed and continuous modes
PULSE DURATION	Depending on Peak Power 100µs - continuous
REPETITION RATE	1-2500Hz
BEAM TRANSMISSION	Optical fiber system
AIMING BEAM	Laser diode, green 532nm (adjustable) < 5mW, class 3R
COOLING	Air
HOUSING	Tower format
POWER SUPPLY	100-240 VAC; 50/60Hz; <1.5kVA
PEDAL	Double footswitch with mode switching
INTERFACE	7" touch display, 1280x800 resolution
FIBERS	Single use only : 150 µm Single use and 10x reusable available: 200, 272, 365, 550, 800, and 1000 µm

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FOLLOW US:



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LEARN MORE ABOUT OUR SOLUTION



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Product registered as LaserClast™ Fiber. The information in this brochure is only intended for medical and health care professionals. The brochure provides information on products and indications that may not be available in all countries.
Peter Kronenberg et Al. The Laser of the future. Reality and expectations about the new thulium fiber laser - a systematic review | Transl Androl Urol. 2019;8(Suppl 4):S398-S41

LASERCLAST THULIUM POWER FOR STONE, BPH AND TISSUE TREATMENT



EMS

LASERCLAST THULIUM POWER

EXPERIENCE THE SPEED AND VERSATILITY OF THE LATEST REVOLUTION IN ENDOUROLOGY

- ▶ Get the most of your space with vast power in a small format.
- ▶ Low maintenance requirements, reducing long-term costs, and reducing downtime.
- ▶ Standard fibers with reusable options are available.

SHORTER OPERATION TIMES FOR STONE MANAGEMENT WITH FASTER AND FINER DUSTING

- ▶ More effective dusting, go even faster with high frequencies.
- ▶ Better clearance and suction possibilities due to smaller fibers.
- ▶ Highly effective fragmentation and dusting.
- ▶ Low stone retropulsion for greater control.

ONE SOLUTION TO COVER STONES, TISSUE, AND BPH. ALL WITH ONE POWERFUL LASER

- ▶ A safe alternative to treat soft tissue and BPH with better hemostasis than Ho:YAG.
- ▶ A small footprint tower: easy to set up and use in the OR.
- ▶ Agile, rollable tower allowing for easy transport and storage.

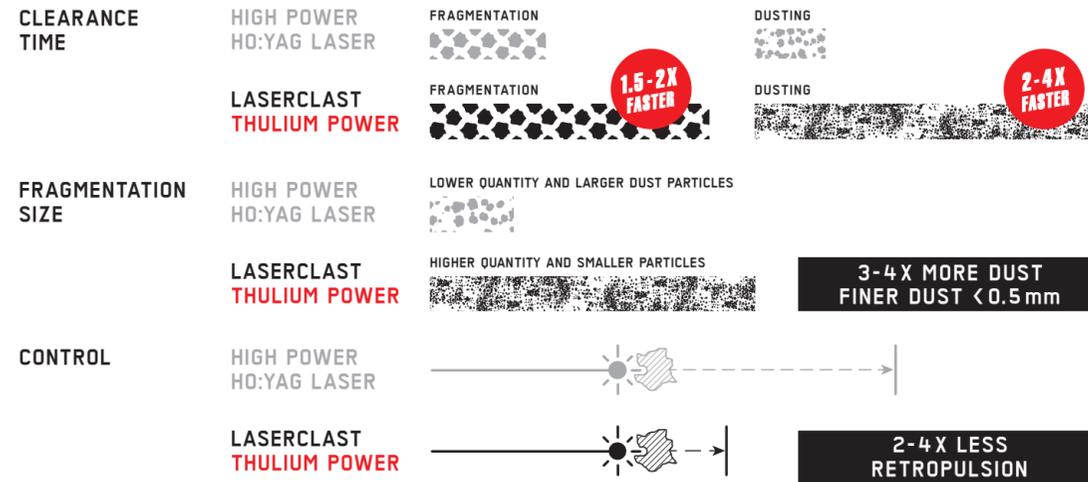
FROM EMS, THE EXPERTS IN STONE MANAGEMENT: A TRUE PARTNER YOU CAN RELY ON

- ▶ Specialized in providing the best solutions to your needs.
- ▶ Focused on reliability and high-quality equipment.
- ▶ A wide service network with partners and EMS locations around the world.

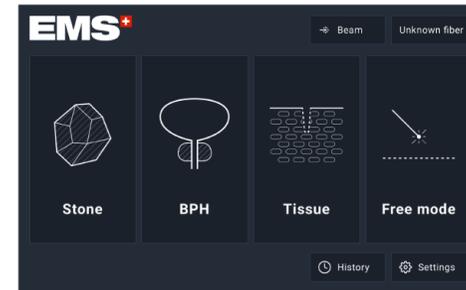
**WE PUSHED IT FURTHER,
TO PUSH YOU FURTHER**



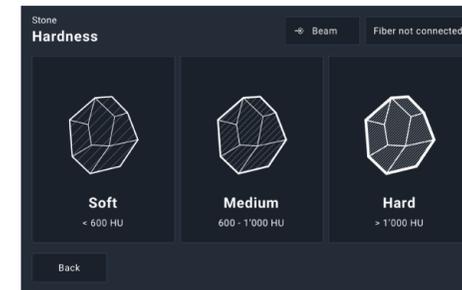
REVOLUTION FOR STONE TREATMENT¹



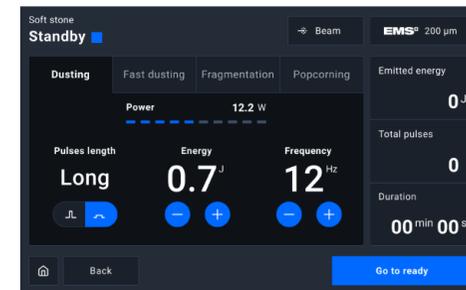
INTUITIVE INTERFACE



- ▶ Different modes for stone, BPH, and tissue treatment. Get to treating in a minimal amount of steps.



- ▶ Stone hardness presettings to give safe and effective starting parameters for stone treatment, getting you going quickly.

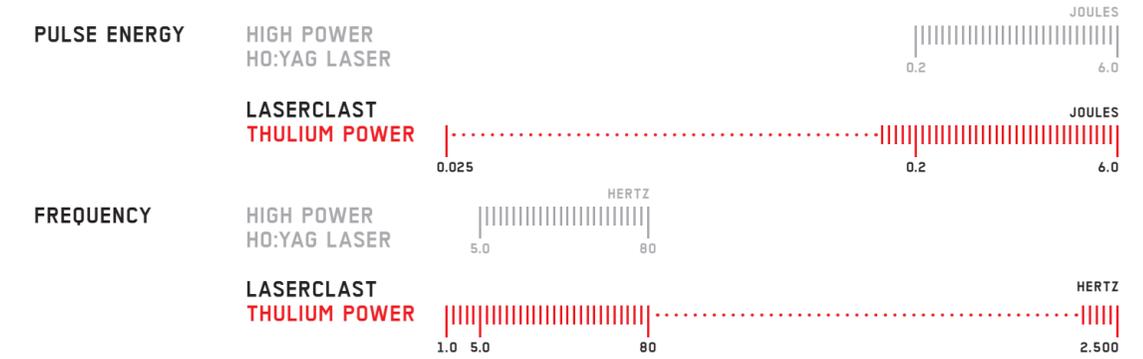


- ▶ 4 different modalities - dusting, fast dusting, fragmentation, and popcorning - all available from the pedal for the right treatment settings at any time during the procedure.



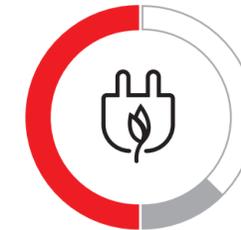
- ▶ Treat BPH and tissue, with continuous emission mode for improved hemostasis.

VERSATILE SETTINGS – OPEN THE DOOR TO NEW POSSIBILITIES OF TREATMENT



VAST POWER FROM A STANDARD PLUG¹

ENERGY EFFICIENCY

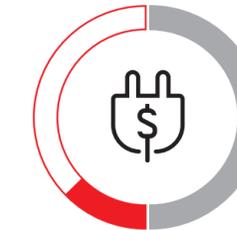


12%
LASERCLAST THULIUM POWER

1%
HIGH POWER HO:YAG LASER

- ▶ Less wasted energy being converted to heat.

ENERGY CONSUMPTION

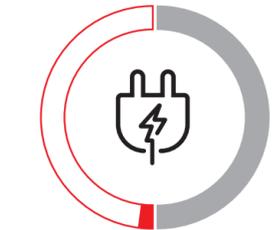


1000W
LASERCLAST THULIUM POWER

9000W
HIGH POWER HO:YAG LASER

- ▶ Run your laser on less energy than a coffee machine.

ENERGY INFRASTRUCTURE



< 5 AMPS
LASERCLAST THULIUM POWER

< 46 AMPS
HIGH POWER HO:YAG LASER

- ▶ No need for special electrical infrastructure.

OPERATIONAL FLEXIBILITY

- ▶ Expand your stone treatment possibilities with 4 different modalities with the unique functionality of mode switching directly from the footpedal.

- ▶ No more limiting to 2 modes or requiring support to change settings. Benefit from the whole range of settings of the LaserClast Thulium Power.

