**HEMERA™**
Thulium Surgical Laser

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**TECHNICAL SPECIFICATIONS**

- **Laser Type**: 200W Thulium laser
- **Operating mode**: Continuous wave or pulsed
- **Power Output**: From 5W up to 200W
- **Aiming Beam**: 532 nm (green)
- **Repetition Rate**: 10 - 100 Hz
- **Pulse duration**: 5 - 75 ms
- **Fibers**: Bare-ended optical fibers with diameter up to 1000 μm
- **Electrical**: 230-208 VAC, 16/18 A, 50/60 Hz
- **Dimensions (H x W x D)**: 110 x 55 x 75 cm
- **Weight**: 200 kg

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**Operating Instructions**

- **Laser vaporization** includes GreenLight thulium and diode lasers vaporization.
- **Laser enucleation** includes holmium and thulium laser enucleation.
- **HoLEP** = holmium laser enucleation; **TUIP** = transurethral incision of the prostate.
- **TUMT** = transurethral microwave therapy; **TUNA** = transurethral needle ablation.
- **TURP** = transurethral resection of the prostate.

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**Male LUTS**

- **With absolute indications for surgery or non-responders for medical treatment or those who do not want medical treatment but request active treatment**

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**High risk patients?**

- **Yes**
- **No**

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**Can you have surgery under anaesthesia?**

- **Yes**
- **No**

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**Prostate volume**

- **< 30 mL**
- **30-80 mL**
- **> 80 mL**

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**TUMT** = transurethral microwave therapy; **TUNA** = transurethral needle ablation.

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**TURP** = transurethral resection of the prostate.

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**Open prostatectomy** includes bipolar enucleation.

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**Laser vaporization** includes GreenLight thulium and diode lasers vaporization.

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**Laser enucleation** includes holmium and thulium laser enucleation.

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For more information visit [www.rocamed-urology.com](http://www.rocamed-urology.com)
**HEMERA™**

**Thulium Surgical Laser**

200 W

**SELECT YOUR TECHNIQUE**

HEMERA™ is a new surgical laser from Roca-
med, with a high performance and power up to 200W you can choose the type of technique you prefer: Vaporization, Va-
poresection or enucleation. With the abil-
ity to emit a continuous mode or pulsed, HEMERA™ offers a versatile and effective solution for each type of intervention.

**GREAT CUTTING AND ABLATION CAPABILITY**

The HEMERA Thulium Laser offers high-speed performance regardless of the size of the gland, vasculature and morphology. The surgeon can, then, choose whether to use vaporization, vapo-
resection or technical enucleation.

**GREAT VAPORIZATION CAPABILITY**

HEMERA Thulium Laser remains effective even after many passages. Thulium laser is superior due to the possibility to emit both in continuous and pulsed mode. A continuous emission with the ability to vaporesect with lower costs due to the possibility of using multiple – time reusable fibers instead of disposable ones.

**WELL CONFINED COAGULATION AND EFFECTIVE HEMOSTASIS**

HEMERA Thulium Laser emits energy more efficiently and more predictably on targeted tissue, independently from their blood percentage. The optical penetration depth is uniform. The tech-

**The intuitive screen is organized to give you the possibility to choose between:**

- Presetted or To Set

If your choice is «Presetted Mode» you will decide if you want to perform in enucleation or vaporization in just 2 steps.

But if you prefer to set the laser by your-
self, according to the type of interven-
tion and surgical approach, you can still do it at any time choosing Power and if in Continuous or Pulsed mode.

**OPTICAL FIBERS RFID OR CODE PLUG**

- Optical fibers with frontal emission:
  - Sterile
  - Single Use or Reusable
  - Core diameter from 550 μm to 1000 μm
  - 3 meters long

**DOUBLE FOOTSWITCH**

- Vaporization
- Ablation
- Ready/Standby
- Coagulation

**STRIPPERS & SCISSORS FOR OPTICAL FIBERS**

- Ceramic Scissors
- Sterilizable Stripper
- Adjustable Stripper

**SELECT YOUR TECHNIQUE**

- **VAPORIZATION - THUVAP**
- **VAPORESECTION - THUVARP**
- **ENUCLEATION - THULEP - THUVEP**

**Accessories**

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is a new surgical laser from Roca-
med, with a high performance and power up to 200W you can choose the type of technique you prefer: Vaporization, Va-
poresection or enucleation. With the abil-
ity to emit a continuous mode or pulsed, HEMERA™ offers a versatile and effective solution for each type of intervention.

HEMERA™ is a multidisciplinary excellence laser for each type of intervention.