

Coming soon to
your operating room!



Pulvis 60⁺

60 W Thulium Fiber Laser (TFL)

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spirit of excellence



The **Pulvis 60⁺** is a Thulium Fiber Laser (TFL) which can be used for both, lithotripsy and for precise soft tissue surgery. Over the last few years, TFL technology has emerged as a new alternative to Holmium Lasers. As well as being particularly suitable for the treatment of stones, it also produces effective results when used in the Endoscopic Enucleation of the Prostate (EEP).

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The advantages at a glance

- **Reduced energy consumption**
High output with lower energy consumption
- **Effective lithotripsy**
Full power output even with 200 µm fibers
- **Effective enucleation**
"Low-power" ThuLEP with max. 60 W possible
- **Compatible with standard wall sockets**
No high-voltage current supply required
- **Minimized retropulsion**
when ablating the stone
- **Continuous and pulsed emission**
"Traditional" ThuLEP and "super-pulsed" ThuLEP possible
- **Effective hemostasis**
High degree of absorption of laser radiation
- **Disposable and reusable fibers**
from 150 µm to 1,000 µm
- **Very high-frequency emission**
up to 2,500 Hz
- **Compact design**
Saves space in the operating room

Technical data

| | |
|----------------------------|--|
| Laser classification | Class 4 – thulium fiber laser |
| Maximum peak output | 500 W |
| Wavelength | 1,920 – 1,960 nm |
| Laser energy | 0.020 – 6 J |
| Laser frequency | Up to 2,500 Hz |
| Average output | Max. 60 W |
| Pulse duration | 50 µs – CW |
| Smallest fiber | 150 µm |
| Electrical requirements | 100 – 240 Vac; 50/60 Hz; 1,000 VA |
| Max. operating temperature | 10 – 30 °C |
| Pilot beam | Green, output can be adjusted |
| Device design | Tower with castors |
| Dimensions H x W x D | 88.6 x 49.8 x 75.0 cm (display closed) |
| Weight | 100 kg |
| Laser cooling system | Air |

DANGER – Visible and invisible laser radiation.
Avoid eye or skin exposure to direct or scattered radiation.
Class 4 laser product / Class 3R aiming beam

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