



DUOMED

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spirit of excellence

Coming soon to your operating room!



Pulvis 60⁺

60 W Thulium Fiber Laser (TFL)

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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 W x H x D	47,0 x 94,0 x 81,0 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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