

# Pulvis 60<sup>+</sup>

60 W THULIUM FIBER LASER (TFL)

FOR STONE THERAPY AND ENDOSCOPIC ENUCLEATION OF THE PROSTATE (EEP)

"PULVIS 60<sup>+</sup>" LASER

1.22



		Product no.
<p><b>Pulvis 60<sup>+</sup></b> 60 W thulium fiber laser (TFL)</p>	<p><b>PFMS00006</b></p>	

IX23 || Subject to modifications. Please note that some products may not be available in all countries. Please always take note of the information that is provided with the product. For more detailed information, please consult with your contact partner or directly with Richard Wolf GmbH.

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## 60 W THULIUM FIBER LASER (TFL)

### TECHNICAL DATA

Pulvis 60 <sup>+</sup>		PFMS00006	
<b>Device properties</b>			
Display	Fold-out, rotatable touchscreen display (rotates 90° to the right and 180° to the left)		
Operating temperature	15–30 °C (at a room temperature between 25 °C and 30 °C, operation is guaranteed with a maximum output power of up to 40 W)		
Storage/transport temperature	Min. +5 °C/max. 40 °C		
Atmospheric pressure	800–1,060 hPa		
Operating humidity	30–85 %, non-condensing		
Max. noise level	< 70.0 dB		
<b>Equipment</b>			
Cooling method	Air cooling system		
<b>Power supply</b>			
Mains + frequency	100–240 V AC, 50/60 Hz		
Power consumption	1,000 VA		
<b>Regulatory standards</b>			
Classification according to the Medical Devices Directive 93/42/EEC	Class IIb		
Laser classification according to IEC/EN 60825-1:2014	Class 4		
Pilot beam classification according with IEC/EN 60825-1:2014	Class 3R		
<b>Dimensions and weights</b>			
Weight	100 kg		
Dimensions (W x H x D)	470 x 1,156 x 810 mm 470 x 940 x 810 mm – display closed		

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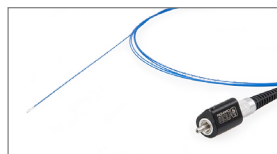
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### TECHNICAL DATA

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<b>Laser source specifications</b>			
Laser type	Thulium fiber-laser		
Wavelength	1,940 nm ± 20 nm		
Maximum output power	60 W (pulsed/CW)		
Pulse energy	0.02–6 J		
Operating mode	Pulsed/CW		
Pulse duration	50 µs – CW		
Frequency of recurrence	1–2,500 Hz		
Delivery system	Large selection of laser fibers (see next page) (sterile, disposable, and reusable)		
Pilot beam	Green 532 nm (adjustable) < 5 mW, class 3R		
Goggles	1940 D LB4		

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## LASER FIBERS


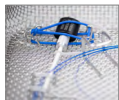


Sterile (PU= 10 PC)		Core diameter									Product no.
		150 µm	200 µm	272 µm	365 µm	500 µm	550 µm	600 µm	800 µm	1,000 µm	
Single use	Single use optical fiber 150 µm	●									OFJ001511
	Single use optical fiber 200 µm		●								OFJ002011
	Single use optical fiber 272 µm			●							OFJ702711
	Single use optical fiber ball tip 272 µm			●							OFJ302711
	Single use optical fiber 365 µm				●						OFJ703611
	Single use optical fiber 550 µm						●				OFJ005511
	Single use optical fiber lateral 600 µm							●			OFJ506011
	Single use optical fiber 800 µm								●		OFJ008011
	Single use optical fiber 1,000 µm									●	OFJ009911
Multiple use	Reusable 10x optical fiber 200 µm		●								OFJ002013
	Reusable 10x optical fiber 272 µm			●							OFJ702713
	Reusable 10x optical fiber 365 µm				●						OFJ703613
	Reusable 10x optical fiber 500 µm					●					OFJ005513
	Reusable 10x optical fiber 800 µm								●		OFJ008013
	Reusable 10x optical fiber 1,000 µm									●	OFJ009913

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## ACCESSORIES

Accessories	Product no.
Interlock Conn. Medical Devices Binder	EAM000045.00
Key	MBQ000190.00
Power cord-5m-spina Shuko 16A EUR	EAM001440.00
Fiberstripper optical fibers Ø300-1000 µm	OBM001079.00
Fiberstripper optical fibers Ø100-400 µm	OBM001080.00
Case salsa 1650 no brand accessories	KBM000103.01
Ceramic fiber cutter with slipcase	AGM000080.00
Goggle protection f18.P1d09.1003	OBM003778.00
Optical blast shield for ffl ext-access	OAM002112.00

Machine reprocessing	Product no.
 <p><b>Perforated basket for laser fiber</b></p>	<p>Holds: Laser fiber, for machine reprocessing, sterilization (steam and low-temperature), storage, and transport; internal dimensions (W x H x D): 231 x 52 x 223 mm external dimensions (W x H x D): 248 x 72 x 239 mm</p> <p><b>38001</b></p>
<p>Also:</p>  <p><b>Fixing ring Ø 34.6 mm</b></p>	<p>for holding instruments during machine reprocessing, sterilization (steam and low-temperature), storage, and transport, Ø 34.6 x 2.62 mm, PU = 5 PCS</p> <p><b>643301262</b></p>

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