

## Applications

- Intra-discal application on cervical spine, thoracic spine, lumbar spine
- Medial branch neurotomy for facet joints
- Lateral branch neurotomy for sacroiliac joints



## Indications

- Contained disc herniations with consecutive foraminal stenosis
- Discogenic spinal stenosis
- Discogenic pain syndroms
- Chronic facet and sacroiliac joint syndrom
- Further surgical applications, e.g. tennis elbow, calcaneal spur

## Benefits of the minimally invasive PLDD procedure

- No soft tissue injury
- No risk of epidural fibrosis or scarring
- No extensive hospitalization (on outpatient basis possible)
- No general anesthesia, local anesthesia with mild sedation
- Minimal recovery time
- Lower costs



## LEONARDO®

Model	LEONARDO® Mini 1470 nm	LEONARDO® DUAL 45
REF	SL1470nm8W	SL980 + 1470 nm 45 W
Wavelength	1470 nm	980 nm and 1470 nm
Power	8 W (1470 nm)	max. 45 Watt (1470 nm / 15 Watt + 980 nm / 30 Watt) separately adjustable
Fiber diameter	≥ 360 µm	≥ 360 µm
Aiming beam	635 nm, max. 4 mW	532 nm and 635 nm, green 1 mW, red 4 mW, user controlled intensity
Treatment mode	CW, Pulse Mode (optional), ELVeS® Signal	CW, Pulse Mode, ELVeS® Signal, ELVeS® Segment, Derma Mode
Pulse duration/-break	0.01 – 60 sec. / 0.01 – 60 sec.	0.01 – 60 sec. / 0.01 – 60 sec.
Power supply	110 - 240 VAC, 50 - 60 Hz (7.2 VDC @ 36 W)	110 - 240 VAC, 50 / 60 Hz, 450 VA
Batteries	Li-ion batteries	-
Dimensions (H × W × D)	6.0 cm × 9.0 cm × 21.5 cm	approx. 28 cm × 37 cm × 9 cm
Weight	900 g	approx. 8.5 kg

All laser sets incl. 3 safety goggles, foot switch, interlock connector, power cord and manual in a carrying case.

## Kit

503200830 PLDD Kit 360 / 18 / 150 Y-Click Adapter, IC

