

Wavelengths OptonPro 10 W

810 nm and 980 nm

Wavelengths OptonPro 15 W / 25 W

810 nm, 980 nm and 1064 nm

Output power

OptonPro 10 W

max. 10 W, CW mode

OptonPro 15 W

max. 15 W, CW mode

OptonPro 25 W

max. 25 W, CW mode

Power consumption

OptonPro 10 W

max. 1.0 A

OptonPro 15 W

max. 1.2 A

OptonPro 25 W

max. 1.8 A

	Without spacer	Spacer, small	Spacer, large
Treatment distance	0 cm	1.2 cm	4.5 cm
Treatment area	min. Ø 10 mm/0.8 cm ²	min. Ø 20 mm/3.1 cm ²	min. Ø 34 mm/9 cm ²
	OptonPro 10 W	OptonPro 15 W	OptonPro 25 W
Power density without spacer	max. 12.5 W/cm ²	max. 18.7 W/cm ²	max. 31.2 W/cm ²
Power density with spacer, small (1.2 cm)	max. 3.2 W/cm ²	max. 4.8 W/cm ²	max. 8.0 W/cm ²
Power density with spacer, large (4.5 cm)	max. 1.1 W/cm ²	max. 1.6 W/cm ²	max. 2.7 W/cm ²

Note: *The following data apply to all 3 models.*

Wavelength pilot beam	650 nm
Output power Pilot beam	Max. 5 mW
Power supply	100-240 V~, 50 Hz / 60 Hz
Mains fuse	2 x T 2.5 AL, 250 VA
Protection class	II
Applied part	Type B, possible contact components applicator, spacer
Operating mode	Continuous operation
Laser system	4 semiconductor diode laser, optical fibres
Treatment area	min. Ø 10 mm
Repetition frequency	0.1 to 20,000 Hz
Pulse width (single pulse)	0.1 s to 5 s (pulse operating mode)
Accuracy	±20%
Accuracy skin temperature measurement	±2°C
Spacer, small	L 1.2 cm
Spacer, large	L 4.5 cm
Dimensions (without column)	H 30 x W 35 x L 20 cm
Laser class	4
Safety distance	NOHD (Nominal Ocular Hazard Distance) 3 m MPR (maximum permissible radiation) of skin below limit at 17 cm
Beam divergence	32°
Interlock device	Door contact switch, opening when the door is opened, capacity 12 V, 10 mA, series connection in the case of multiple doors
Display	Liquid crystal display (LCD)
Weight without column	3.8 kg
Environmental conditions	Operation: Temperature: 10°C...40°C Air humidity: 20%...80% relative humidity without condensation Air pressure: 900 hPa...1030 hPa Storage and transport: Temperature: -10°C...50°C Air humidity: 10%...90% relative humidity without condensation Air pressure: 700 hPa...1060 hPa
Storage and transport	Please keep the packaging. The device may be shipped and stored only in the original packaging.