



Dimensions (without connectors), L x H x W, mm:	
Laser Head .....	299 x 54 x90
Laser Head with Heat Sink.....	299 x122 x90
Power Supply <sup>7</sup> .....	150 x 43 x 93 (x115 with key)
Power Supply with Heat Sink .....	150 x 110 x 93 (x115 with key)
Weight, kg:	
Laser Head .....	< 2.5
Power Supply <sup>7</sup> .....	< 1.5
Laser Head Heat Sink .....	< 1.0
Power Supply Heat Sink .....	< 1.0
Operating Voltage with AC adapter .....	90 - 264 VAC
Operating Voltage without AC adapter .....	12 ± 10% VDC
Current Consumption (12VDC).....	< 6 A
Warm-Up Time .....	< 10 min
Remote Control of Laser Parameters	
(Ext./Int. Triggering, ON/OFF, pulse repetition rate, pulse energy) .....	via RS-232 interface
Data rate via Interface RS-232 .....	4800 bit/s
Laser Class (CDRH) .....	IIIb
Compliance .....	CDRH, CE, RoHS
Life Time .....	> 5000 hours

---

<sup>1</sup> Triggering with external electric pulse generator; generator is not included in delivery set.

<sup>2</sup> Generation of periodical laser pulses using PC, step 0.01 kHz. Average energy may be changed by software from 2 μJ up to maximum value (20 + 15% μJ is guaranteed in the range of 0.01-2 kHz, if >2 kHz the max. energy may be less).

<sup>3</sup> Generation of periodical laser pulses at 1 kHz rep. rate; external generator and/or PC are not needed.

<sup>4</sup> Gaussian shape of beam profile allows focusing into extremely small spot (~1μm).

<sup>5</sup> Beam waist is placed approximately 100 mm behind the front panel of laser head (inside of laser head).

<sup>6</sup> Sync Out signal is generated by pulse of laser light.

<sup>7</sup> Without AC/DC adapter AS-120P-12 (12 VDC).