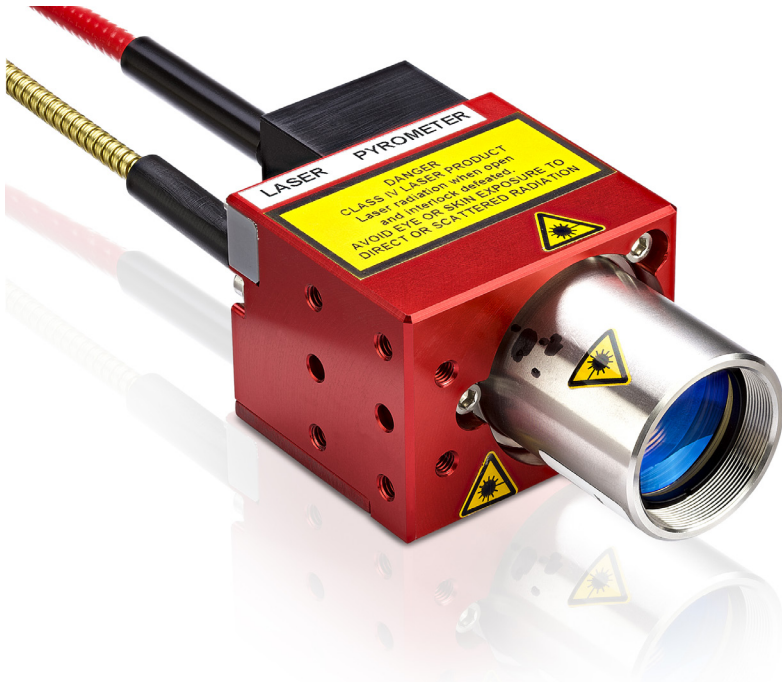


LH102

Low Power Laser Head



Very small size Head
offering
Variety of beam shaping

Typical Applications

Laser Soldering
Plastic Welding
Heat treatment

Fiber coupled laser up to 200W

Features

Beam shaping
View port for pyrometer
Small size and low weight

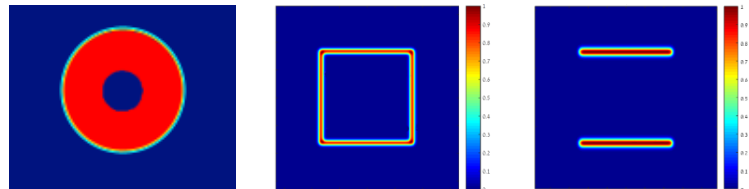
LASCON® Controller and
Camera Manager for process control

Technical Data

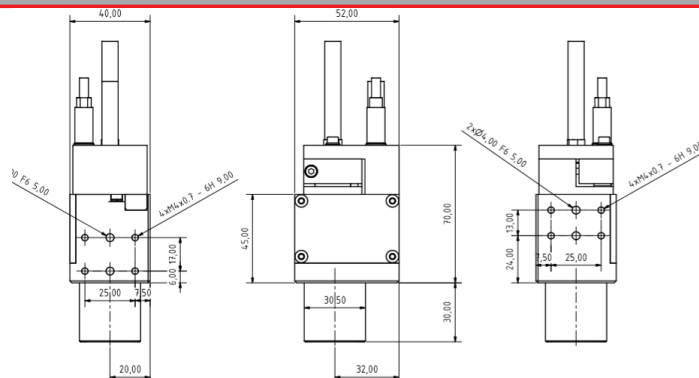
	LH102 (Low Power Laser head)
Optical power:	up to 200W with fiber coupled laser
Spectral range:	808nm - 980nm
Optics:	1.0"; AR coated, focal length and beam shaping on request
Fiber connector:	FSMA905
Fiber diameter:	typical 100µm - 600µm
Num. Aperture:	typical 0.22 others on request
Laser spot size:	appr. 2x fiber diameter
Pilot Laser:	Class 2, Wavelength 650nm +/- 10nm, via fiber coupled Pyrometer
Process Control:	Closed loop temperature process control via fiber coupled pyrometer and LASCON Controller®
Ambient temperature:	5°C to 55°C for operation, no condensation
Dimensions:	approx.: 52 x 40 x 100mm
Weight:	0.2kg
Protection:	IP50
CE label:	According to EU directives for electromagnetic immunity
Conformity:	The RoHS Directive 2011/65/EU of 2011-06-08 with supplement from 2015-03-31 is fulfilled

Wide range of beam shapers availabel:

e.g.: rectangle and round formats
lines, double lines



Dimensions



You are solely responsible for selecting the appropriate product for your application, validating and testing your application, and ensuring your application meets applicable standards, and any other safety, security, or other requirements.
Data are subject to be changed without notice.

ultimate laser processing

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