

LH200-Z  
Zoom Optik Laser Head



Adaptive Laser Head  
offering  
Variable spot size adjustment  
without  
changing working distance

Typical Applications

Laser Soldering  
Plastic Welding  
Heat treatment

Fiber coupled laser up to 140W

Features

Variable focus adjustment  
View port for camera and pyrometer  
Small size and low weight

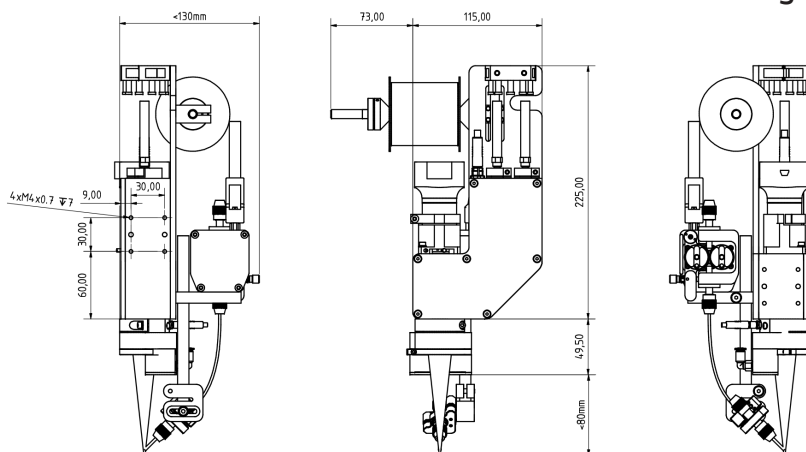
Solder Wire feeder  
LASCON® Controller and  
Camera Manager for process control

## Technical Data

	<b>LH200-Z</b> (Low Power Laser Head)
Optical power:	up to 140W with fiber coupled laser
Spectral range:	808nm - 980nm
Optics:	1.0"; AR coated, focal length on request
Fiber connector:	FSMA905
Fiber diameter:	typical 100µm - 600µm
Num. Aperture:	typical 0.22 others on request
Adaptive Laser Spot:	e.g. 100mm focal length, 100µm optical fiber, spot adjustemt form 0.3mm to 2.5mm
Sighting:	Video port for camera, ring light illumination
Pilot Laser:	Class 2, 650nm +/- 10nm, via fiber coupled Pyrometer
Process Control:	Closed loop temperature process control via fiber coupled pyrometer and LPC-04 LASCON Controller®; Camera Manager for process visualization
Ambient temperature:	5°C to 55°C for operation, no condensation
Dimensions:	approx.: 50 x 110 x240mm, Optics: dia 30.6mm,
Weight:	2 kg
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

## Dimensions

LH200-Z with SWF wire feeder unit for soldering



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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