

Industrial Laser System for Material Processing

Activation Series



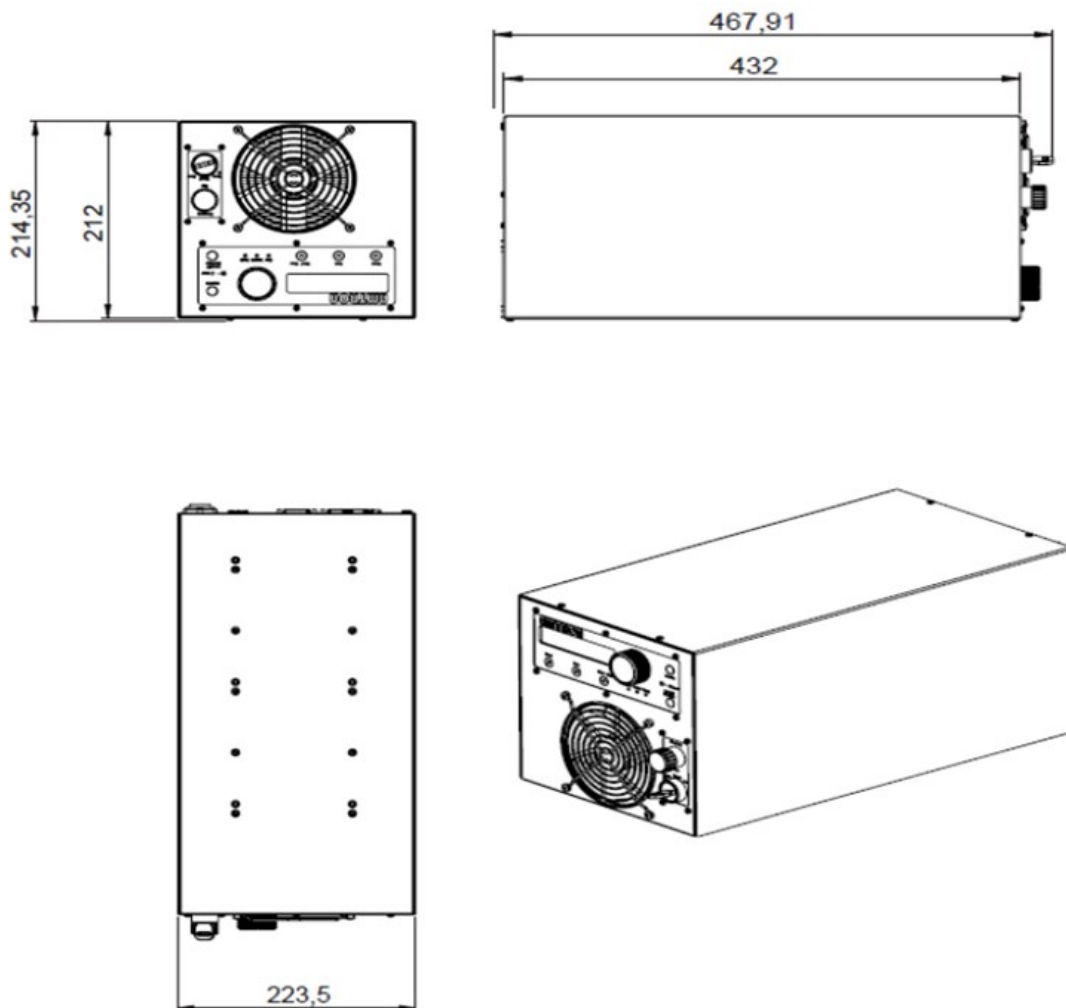
Features

- Turnkey laser system
- Easy integrated into production machines interface
- Reliable control and protection functions
- Closed-loop process control

Applications

- Material processing
- Laser annealing
- Laser bonding
- Plastic welding
- Laser non-contact heating

Product Dimensions (mm)



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

Product Specifications

Product Code **ACT000005**
Part No. ¹ LM-AC50-980-F200-3

General Data	Unit	Value
Dimensions (height × width × depth)	mm	212 × 223 × 450
Max. Weight	kg	10

Optical Data	Unit	Value
CW-nominal Output Power	W	50
Wavelength	nm	980
Fiber Diameter	μm	200
Numerical Aperture	-	0.22
Fiber plug Type	-	SMA905

Electrical Data	Unit	Value
Operating Voltage	V	220 ± 10
Max. Operation Current	A	16
Supply Frequency	Hz	50 - 60
Number of Leads	-	1P + N + PE
Power Plug Type	-	CEE

Thermal Data	Unit	Value
Operating Temperature	°C	15 ~ 35
Storage Temperature	°C	15 ~ 60
Chiller Type	-	Air
Cooling Capacity	W	150

Other Features ²	
Pilot Beam	●
Key Main Switch	●
Pyrometer Control	○
Power-meter Control	○
Internal Pulse Modus	●
Laser Process Head	○

¹ Part No. = Brand Code - Series & Power - Wavelength - Fiber Diameter - Fiber Length

² ● = available; ○ = optional.

