

Industrial Laser System for Material Processing

Activation Series



Features

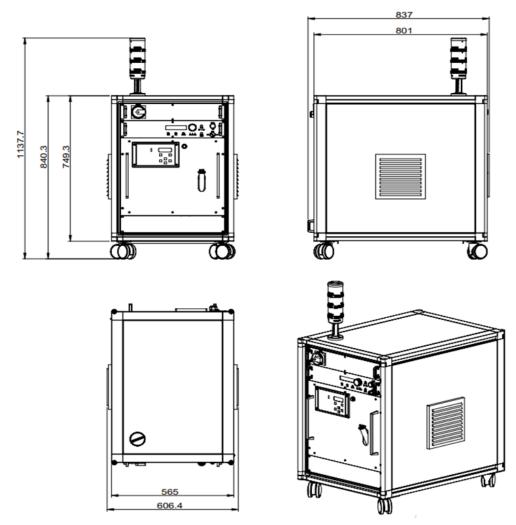
- Turnkey laser system
- Easy integrated into production machines interface
- Reliable control and protection functions
- Closed-loop process control

Applications

- Material processing
- Laser annealing
- Laser reflow soldering
- Laser bonding
- Plastic welding
- · Laser non-contact heating

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Product Dimensions (mm)



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

All rights reserved. Product specifications and descriptions are subject to change. Product delivered with limited warranty. Please contact our sales representatives for complete details. Address: 56 Zhangba 6th Road, High-Tech Zone, 710077 Xi'an, Shaanxi, P. R. China Focuslight Technologies Inc. Tel: +86 29 8188 9945 | Email: sales@focuslight.com | Website: https://www.focuslight.com



Product Specifications

Product Code		ACT000008	ACT000057	ACT000058
Part No. ¹		LM-AE120-808-F200-3	LM-AE120-808-F200-5	LM-AE120-808-F200-10
General Data	Unit	Value		
Rack Type	-	19″	19"	19″
Dimensions (height × width × depth)	mm	1140 × 610 × 840	1140 × 610 × 840	1140 × 610 × 840
Max. Weight	kg	100	100	100
Optical Data				
CW-nominal Output Power	W	120	120	120
Wavelength	nm	808	808	808
Fiber Diameter	μm	200	200	200
Numerical Aperture	-	0.22	0.22	0.22
Fiber plug Type	-	SMA905	SMA905	SMA905
Fiber Length	m	3	5	10
Electrical Data				
Operating Voltage	V	220 ± 10	220 ± 10	220 ± 10
Max. Operation Current	А	10	10	10
Supply Frequency	Hz	50 - 60	50 - 60	50 - 60
Number of Leads	-	1P + N + PE	1P + N + PE	1P + N + PE
Power Plug Type	-	CEE	CEE	CEE
Thermal Data				
Operating Temperature	°C	15 ~ 35	15 ~ 35	15 ~ 35
Storage Temperature	°C	15 ~ 60	15 ~ 60	15 ~ 60
Chiller Type	-	Water	Water	Water
Cooling Capacity	W	750	750	750
Laser Circuit Water Pressure	bar	3.5	3.5	3.5
Laser Circuit Water Flow L	/min	4	4	4
Laser Circuit Water Type	-	Distilled Water	Distilled Water	Distilled Water
Other Features ²				
Pilot Beam		•	•	•
Key Main Switch		•	•	•
Pyrometer Control		0	\bigcirc	\bigcirc
Power-meter Control		0	\bigcirc	\bigcirc
Internal Pulse Modus		•	•	•
Laser Process Head		\bigcirc	\bigcirc	\bigcirc

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

²" \bullet " = available; " \bigcirc " = optional.





Product Specifications

Product Code		ACT000009	ACT000061	ACT000062
Part No. ¹		LM-AE120-808-F400-3	LM-AE120-808-F400-5	LM-AE120-808-F400-10
General Data	Unit	Value		
Rack Type	-	19"	19″	19″
Dimensions (height × width × depth)	mm	1140 × 610 × 840	1140 × 610 × 840	1140 × 610 × 840
Max. Weight	kg	100	100	100
Optical Data				
CW-nominal Output Power	W	120	120	120
Wavelength	nm	808	808	808
Fiber Diameter	μm	400	400	400
Numerical Aperture	-	0.22	0.22	0.22
Fiber plug Type	-	SMA905	SMA905	SMA905
Fiber Length	m	3	5	10
Electrical Data				
Operating Voltage	V	220 ± 10	220 ± 10	220 ± 10
Max. Operation Current	А	10	10	10
Supply Frequency	Hz	50 - 60	50 - 60	50 - 60
Number of Leads	-	1P + N + PE	1P + N + PE	1P + N + PE
Power Plug Type	-	CEE	CEE	CEE
Thermal Data				
Operating Temperature	°C	15 ~ 35	15 ~ 35	15 ~ 35
Storage Temperature	°C	15 ~ 60	15 ~ 60	15 ~ 60
Chiller Type	-	Water	Water	Water
Cooling Capacity	W	750	750	750
Laser Circuit Water Pressure	bar	3.5	3.5	3.5
Laser Circuit Water Flow	_/min	4	4	4
Laser Circuit Water Type	-	Distilled Water	Distilled Water	Distilled Water
Other Features ²				
Pilot Beam		•	•	•
Key Main Switch		•	•	•
Pyrometer Control		\bigcirc	\bigcirc	\bigcirc
Power-meter Control		\bigcirc	\bigcirc	\bigcirc
Internal Pulse Modus		•	•	•
Laser Process Head		\bigcirc	0	\bigcirc

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

²" \bullet " = available; " \bigcirc " = optional.





Product Specifications

		10700010	40700000
Product Code Part No. ¹		ACT000010 LM-AE120-980-F200-3	ACT000060 LM-AE120-980-F200-10
Part NO.		LIVI-AE120-960-F200-3	LIVI-AE120-960-F200-10
General Data	Unit	Value	
RackType	-	19"	19"
Dimensions (height × width × depth)	mm	1140 × 610 × 840	1140 × 610 × 840
Max. Weight	kg	100	100
Optical Data			
CW-nominal Output Power	W	120	120
Wavelength	nm	980	980
Fiber Diameter	μm	200	200
Numerical Aperture	-	0.22	0.22
Fiber plug Type	-	SMA905	SMA905
Fiber Length	m	3	10
Electrical Data			
Operating Voltage	V	220 ± 10	220 ± 10
Max. Operation Current	А	10	10
Supply Frequency	Hz	50 - 60	50 - 60
Number of Leads	-	1P + N + PE	1P + N + PE
Power Plug Type	-	CEE	CEE
Thermal Data			
Operating Temperature	°C	15 ~ 35	15 ~ 35
Storage Temperature	°C	15 ~ 60	15 ~ 60
Chiller Type	-	Water	Water
Cooling Capacity	W	750	750
Laser Circuit Water Pressure	bar	3.5	3.5
Laser Circuit Water Flow	L/min	4	4
Laser Circuit Water Type	-	Distilled Water	Distilled Water
Other Features ²			
Pilot Beam		•	•
Key Main Switch		•	•
Pyrometer Control		0	0
Power-meter Control		0	0
Internal Pulse Modus		•	•
Laser Process Head		\bigcirc	0

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

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