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Find the *MKS Instruments / Ophir FL150A* at our website: *Click HERE*

F100A-HE

CW & Pulsed Measurements 120mW - 100W 50mJ - 200J

Recommended Use: High energy and average power pulsed lasers
HE: YAG + harmonics, Holmium, Erbium
Special Features: High damage threshold for short pulses, high average power

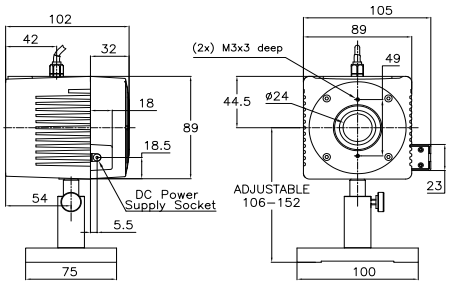


F100A-HE

Absorber:	HE type: 0.19 - 0.625µm, 1.064µm, 2.1µm, 2.9µm	
Aperture:	Ø24mm	
Digital Power Scales:	100W / 30W / 3W	
Maximum Average Power Density:	500W/cm²	
Power Noise Level:	6mW	
Power Accuracy:	±3%	
Maximum Energy Density J/cm² [a]:	Single shot	10-50Hz
<100ns	5	2
0.5ms	100	15
2ms	150	40
Response Time with Display (0-95%):	3.8s typ	
Linearity with Power:	± 1%	
Energy Scales:	200J / 50J / 5J	
Energy Threshold:	50mJ	
Cooling:	Fan	

Note a: For shorter wavelengths, derate to values shown:

Wavelength	Derate to value
355nm	50%
266nm	50%
193nm	10%

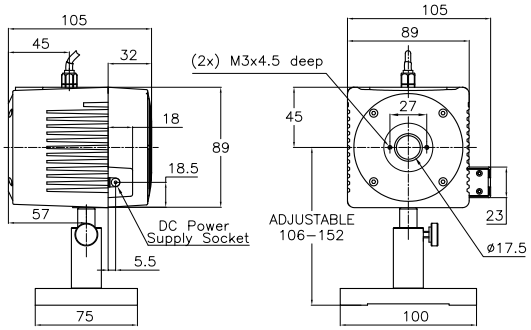


F150A

CW & Pulsed Measurements 60mW - 150W 20mJ - 100J

Recommended Use: General use to 150W
Special Features: Fan cooled

Absorber:	Broadband: 0.19-20µm
Aperture:	Ø17.5mm
Digital Power Scales:	150W / 30W
Maximum Average Power Density:	15KW/cm²
Power Noise Level:	3mW
Power Accuracy:	± 3%
Maximum Energy Density J/cm²:	
<100ns	0.3
0.5ms	5
2ms	10
10ms	30
Response Time with Display (0-95%):	1.2s
Linearity with Power:	± 1%
Energy Scales:	100J/30J/3J
Energy Threshold:	20mJ
Cooling:	Fan



Ordering Information		
Item	Description	Ophir P/N
F100A-HE-V1	100 Watt power/energy meter for wavelengths 0.19-.625 and 0.9-3µm. Energy calibrated for 0.19-0.6µm and 2.9µm. Fan cooled	7Z02677
F150A-V2	Fan cooled 150W power/energy meter	7Z02682
Quasar: Some of the above heads are available with integral Quasar Bluetooth module for wireless transmission direct to PC. See page 97 for more details.		

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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