ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *MKS Instruments / Ophir FL300A-LP-SH* at our website: *Click HERE*

FL300A-LP

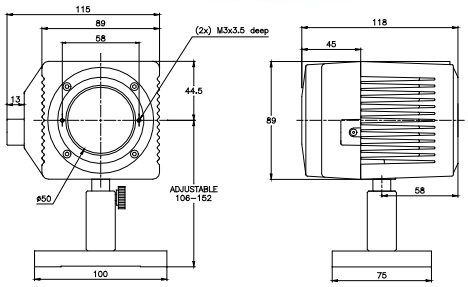
CW & Average Power Measurements 200mW - 300W 50mJ - 300J

Recommended Use: High power and long pulse lasers
Special Features: High power density and high pulse energy density

Absorber:	LP: 0.4-1.5, 10.6µm
Aperture:	∅50mm
Digital Power Scales:	300W / 30W
Maximum Average Power:	300W
Maximum Average Power Density:	10KW/cm²
Power Noise Level:	10mW
Power Accuracy:	± 3%
Response Time with Display (0 – 95%):	2.5s
Linearity with Power:	± 2%
Energy Scales:	300J / 30J / 3J
Energy Threshold:	50mJ
Maximum Energy Density J/cm² at full power:	
<100ns	0.05
0.5ms	20
2ms	50
10ms	150
Cooling:	Fan



FL300A-LP



See Ophir website for revised dimensions and P/N

L300W-LP

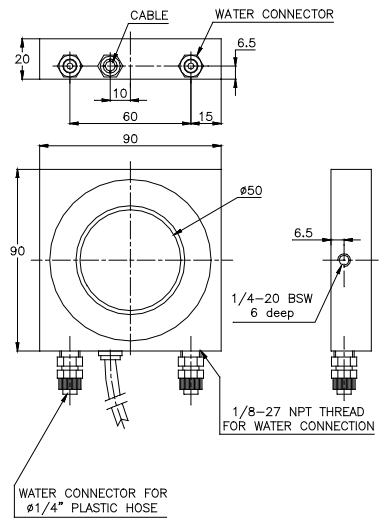
CW & Pulsed Measurements 3W - 300W 200mJ - 300J

Recommended Use: Tight spaces, high power and power densities
Special Features: Water cooled, very thin design – 20mm thick

Absorber:	LP: 0.4 – 1.5µm, 10.6µm, calibrated at 1064nm and 10.6µm
Aperture:	∅ 50mm
Digital Power Scales:	300W / 30W
Maximum Average Power Density:	10KW/cm²
Power Noise Level:	200mW
Power Accuracy:	±3%
Maximum Energy Density J/cm²	
<100ns	0.05
0.5ms	20
5ms	50
20ms	150
Response Time with Display (0-95%):	2.5s typ
Linearity with Power:	± 2%
Energy Scales:	300J / 30J / 3J
Energy Threshold:	200mJ
Cooling:	Water – 1.0 liter/minute, minimum Water temperature range 18-30°C Water temperature rate of change <1°C/min.



L300W-LP



Ordering Information		
Item	**Description**	**Ophir P/N**
FL300A-LP	Large aperture fan cooled 300W power/energy meter with damage resistant LP coating	7Z02635
L300W-LP	Thin profile water cooled 300W power/energy meter	7Z02689
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.		

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

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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