

# 1000W-LP

## CW & Pulsed Measurements 5W – 1000W 300mJ - 300J

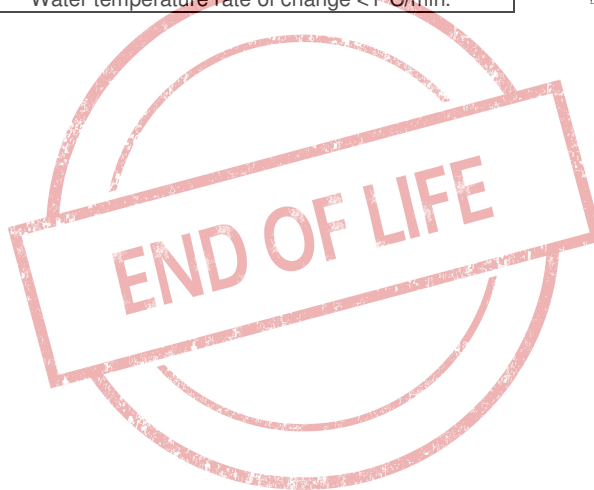
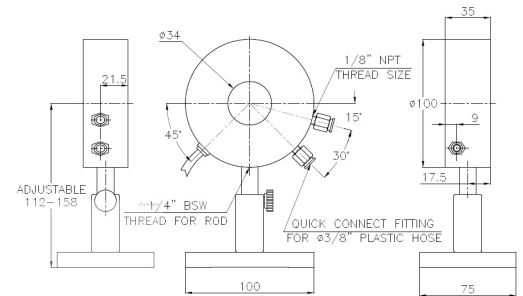
Recommended Use: High power CO<sub>2</sub> and YAG lasers

Special Features: High power, fast response, compact

Absorber:	LP: 0.19 – 1.5µm, 10.6µm
Aperture:	φ 34mm
Digital Power Scales:	1000W / 200W
Maximum Average Power Density:	6KW/cm <sup>2</sup> at maximum power
Maximum Energy Density J/cm <sup>2</sup> :	
<100ns	0.05
1µs	0.3
0.5ms	20
2ms	50
10ms	150
Power Noise Level:	0.2W
Power Accuracy:	± 3% at calibrated wavelengths
Response Time with Display (0-95%):	2.5s
Linearity with Power:	± 2%
Energy Scales:	300J/30J
Energy Threshold:	300mJ
Surface Uniformity:	±2.5% for centered beam
Cooling:	Water – 1.8 liter / minute (minimum) Water temperature range 18 – 30°C Water temperature rate of change <1°C/min.



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Ordering information		
Item	Description	Ophir P/N
1000W-LP-V1	1000 Watt power/energy meter with high damage threshold LP coating	7Z02683