

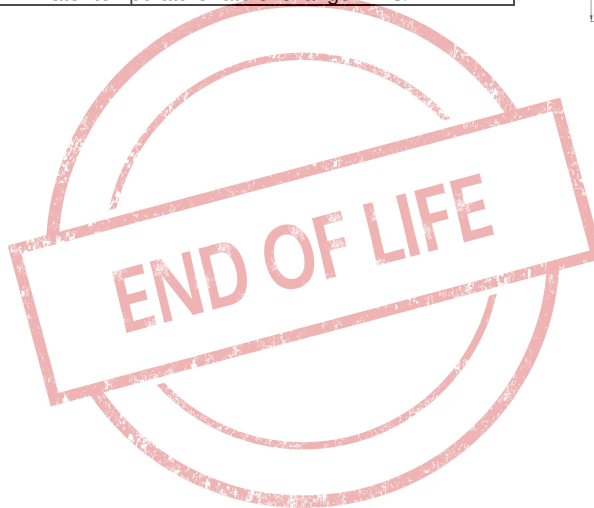
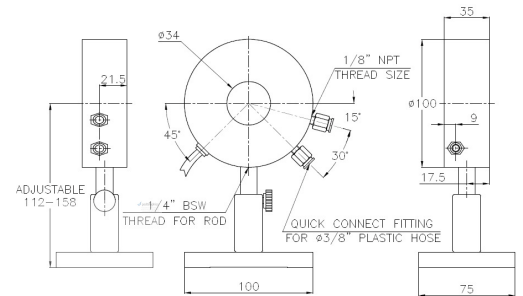
# 1000W

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

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

Special Features: High power, fast response, compact

Absorber:	Broadband: 0.19 - 20μm
Aperture:	φ 34mm
Digital Power Scales:	1000W / 200W
Maximum Average Power Density:	6KW/cm <sup>2</sup>
Maximum Energy Density J/cm <sup>2</sup>	
<100ns	0.3
0.5ms	5
2ms	10
10ms	30
Power Noise Level:	0.2W
Power Accuracy:	± 3%
Response Time with Display (0-95%):	2.5s
Linearity with Power:	± 2%
Energy Scales:	300J/30J
Energy Threshold:	300mJ
Surface Uniformity:	±2.5%
Cooling:	Water – 1.8 liter / minute (minimum) Water temperature range 18 – 30°C Water temperature rate of change <1°C/min.



Ordering information		
Item	Description	Ophir P/N
1000W-V1	1000 Watt power/energy meter	1Z02634 / 7Z02634 (RoHS)

Rev12/spc/23.02.10/mf

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