

Laser Power and Energy Meter with sensor, display unit and accessories

Table 4: Technical specifications of Laser Power and Energy Meter

No.	Parameter	Specification	Remarks to Party
1	Laser Power and Energy Meter with Sensor and Display Unit	Suitable for measuring high power density pulsed lasers	Provide details including make and model
2	Spectral Range	0.3 to 1.1 μm or wider	Provide value
3	Sensor Aperture	≥ 20 mm	Provide value
4	Power Range	200 mW to 200 W or wider	Provide value
5	Power Accuracy	$\pm 3\%$ or better	Provide value
6	Energy Range	50 mJ to 5 J or wider	Provide value
7	Laser-Induced Damage Threshold (LIDT) of Sensor	> 2.5 J/cm ² at 532 nm, ~ 10 ns pulse width, ~ 30 Hz PRF	Provide value
8	Display	Appropriate digital display of power, energy, pulse rate and their statistics including energy and power stability	Provide details
9	PC Interface	USB-enabled; suitable software to be provided	Provide details
10	Accessories	All suitable cables, connectors, and batteries	Provide details