

Laser Power Meter



TS300-TP100

Features:

Wavelength range: 0.19 -25 μ m

Damage threshold: 45KW/cm²

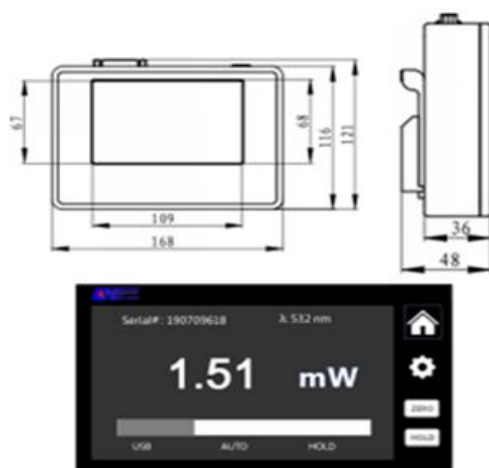
Power measurement range: 0.5W-300W

Active area diameter: 25mm

SPECIFICATIONS

Power Meter	TP100
Thermopile Power Sensor	TS300
Power Range	50mW - 300 W
Active Area Diameter	25 mm
Probe Coating Film	Broadband coating
Probe Material	Thermopile
Wavelength Range	0.19-25 μ m
Max. Average Power Density	45 kW/cm ²
Max. Energy Density	0.3J/cm ² , 1064nm, 1ns
Sensitivity	50mW
Measurement Uncertainty	$\pm 2\%$
Response Time (0-90%)	<1 sec.
Linearity	$\pm 1\%$
Resolution	10mW
Accuracy	$< \pm 2\%$
Power Supply	18650 (2 batteries)
Cooling Method	Fan cooling
Computer Interface	USB 1.1 and USB 2.0
Instrument Power	100-240 VAC, 50/60 Hz, DC 12V-3.34A
Temperature (Operating)	5°C - 45°C (41°F - 113°F)
Temperature (Storage)	-20°C - 70°C (-4°F - 158°F)
Warranty Period	1 year

Power Meter TP100



Probe Sensor TS300

