

Laser Power Meter



TS700

Features:

Wavelength range: 0.19 -20 μ m

Damage threshold: 45KW/cm²

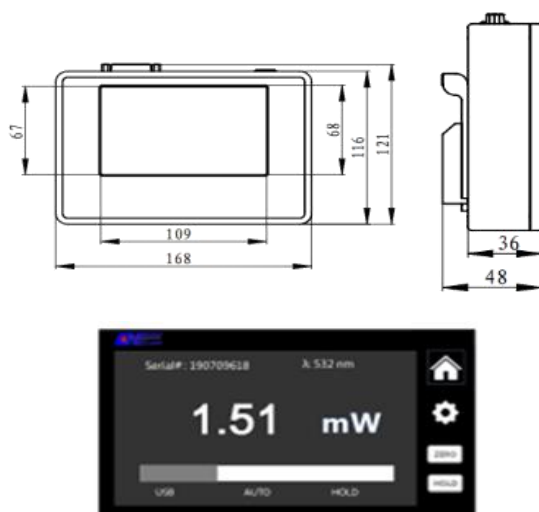
Power measurement range:1W-700W

Active area diameter: 55mm

SPECIFICATIONS

Header Model	TP100
Probe Model	TS700
Power Range	1W - 700 W
Active Area Diameter	55 mm
Probe Coating Film	Broadband coating
Probe Material	Thermopile
Wavelength Range	0.19-20 μ m
Max. Average Power Density	45kW/cm ²
Max. Energy Density	1J/cm ² ,1 (1064nm,7ns, 10Hz)
Sensitivity	1W
Measurement Uncertainty	$\pm 2\%$
Response Time (0-90%)	<7 sec.
Linearity	$\pm 1\%$
Accuracy	$< \pm 2\%$
Power Supply	18650 (2 batteries)
Cooling Method	Water 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

Header TP100



Probe TS700

