

## Laser Power Meter



TS100-TP100

**Features:**

Wavelength range: 0.19 -20 $\mu$ m

Damage threshold: 45KW/cm<sup>2</sup>

Power measurement range: 0.5W-100W

Active area diameter: 25mm

**SPECIFICATIONS**

Header Model	TP100
Probe Model	TS100
Power Range	0.5 W - 100 W
Active Area Diameter	25 mm
Continuous Measurement Time (<80W)	2 h
Continuous Measurement Time (80-100W)	≤8 min
Probe Coating Film	Broadband coating
Probe Material	Thermopile
Wavelength Range	0.19-20 $\mu$ m
Max. Average Power Density	45 kW/cm <sup>2</sup>
Sensitivity	0.1 W
Calibration Uncertainty (k=2)	±2%
Response Time (0-90%)	<7 sec.
Linearity	±1%
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

Header TP100	Probe TS100