

Laser Power Meter



TS100-40

Features:

Wavelength range: 0.19 -25 μ m

Damage threshold: 20KW/cm²

Power measurement range: 50mW-100W

Active area diameter: 40mm

SPECIFICATIONS

Header Model	TP100
Probe Model	TS100-40
Power Range	50mW - 100 W
Active Area Diameter	40 mm
Probe Coating Film	Broadband coating
Probe Material	Thermopile
Wavelength Range	0.19-25 μ m
Max. Average Power Density	20kW/cm ²
Max. Energy Density	0.3J/cm ² ,1064nm,1ns
Sensitivity	50mW
Measurement Uncertainty	\pm 2%
Response Time (0-90%)	<7 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

