

Laser Power Meter



TS100-USB

Features:

Wavelength range: 0.19 -20 μ m

Power measurement range: 0.5W-100W

Single channel/ multi-channel power measurement

PC upper computer software display measurement

SPECIFICATIONS

Model	TS100-USB
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 μ m
Max. Average Power Density	45 kW/cm ²
Sensitivity	0.1 W
Calibration Uncertainty (k=2)	±2%
Response Time (0-90%)	<7 sec.
Linearity	±1%
Cooling Method	Fan cooling
Computer Interface	USB 1.1 and USB 2.0
Temperature (Operating)	5°C - 45°C (41°F - 113°F)
Temperature (Storage)	-20°C - 70°C (-4°F - 158°F)
Warranty Period	1 year

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