

Laser Power Meter



TS100/TS200-TP100

Features:

Wavelength range: 0.19 -25 μ m

Damage threshold: 45KW/cm²

Power measurement range: 50mW-200W

Active area diameter: 25mm

SPECIFICATIONS

Header Model	TP100	
Probe Model	TS100	TS200
Power Range	50mW - 100 W	50mW -200 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,7ns	
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	

Header TP100	Probe TS100/TS200
	