

Laser Power Meter



TS35/ TS50-TP100

Features:

Wavelength range: 0.19 -25 μ m

Damage threshold: 40KW/cm²

Power measurement range: 10mW-50W

Active area diameter: 22mm

SMA905/FC fiber connector(Optional)

SPECIFICATIONS

Header Model	TP100	
Probe Model	TS35	TS50
Power Range	10 mW - 35 W	10 mW - 50 W
Active Area Diameter	22 mm	22 mm
Probe Coating Film	Broadband coating	
Probe Material	Thermopile	
Wavelength Range	0.19-25 μ m	
Max. Average Power Density	40 kW/cm ²	
Max. Energy Density	0.15J/cm ² ,1064nm,1ns	
Sensitivity	10 mW	
Measurement Uncertainty	$\pm 2\%$	
Response Time (0-90%)	<1 sec.	
Linearity	$\pm 1\%$	
Resolution	1mW	
Accuracy	< $\pm 2\%$	
Power Supply	18650 (2 batteries)	
Cooling Method	Air 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 TS35/ TS50
	