

Laser Power Meter



HS1/ HS5-TP100

Features:

- Wavelength range: 0.19 -20 μ m
- Damage threshold: 1.5KW/cm²
- Power measurement range: 100 μ W-5W
- Active area diameter: 9mm
- SMA905/FC fiber connector(Optional)

SPECIFICATIONS

Header Model	TP100	
Probe Model	HS1	HS5
Power Range	100 μ W - 1 W	100 μ W - 5 W
Active Area Diameter	9 mm	9 mm
Probe Coating Film	Broadband coating	
Probe Material	Thermopile	
Wavelength Range	0.19-20 μ m	
Max. Average Power Density	1.5 kW/cm ²	
Max. Energy Density	0.3J/cm ² (1 ns Pulse)	
Sensitivity	100 μ W	100 μ W
Measurement Uncertainty	\pm 2%	
Response Time (0-90%)	<1 sec.	
Linearity	\pm 0.2%	
Resolution	10 μ W	
Sensitivity	100 μ W	
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	

