

Laser Power Meter



HS1/ HS5-USB

Features:

Wavelength range: 0.19 -20 μ m

Power measurement range: 100 μ W-5W

Single channel/ multi-channel power measurement

PC upper computer software display measurement

SPECIFICATIONS

Model	HS1-USB	HS5-USB
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	10uW	
Sensitivity	100uW	
Accuracy	$< \pm 2\%$	
Cooling Method	Air 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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