

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) | |
| Measurement Uncertainty | ±2% | |
| Response Time (0-90%) | <1 sec. | |
| Linearity | ±0.2% | |
| Resolution | 10 μ W | |
| Sensitivity | 100 μ W | |
| Accuracy | < ±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 | |

