

## Laser Power Meter



HS1/ HS5-TP100

### Features:

Wavelength range: 0.19 -15 $\mu$ m

Damage threshold: 1.5KW/cm<sup>2</sup>

Power measurement range: 100 $\mu$ W-5W

Active area diameter: 9mm

SMA905/FC fiber connector(Optional)

### SPECIFICATIONS

| Header Model                  | TP100                               |                   |
|-------------------------------|-------------------------------------|-------------------|
| Probe Model                   | HS1                                 | HS5               |
| Power Range                   | 100 $\mu$ W - 1 W                   | 500 $\mu$ W - 5 W |
| Active Area Diameter          | 9 mm                                | 9 mm              |
| Probe Coating Film            | Broadband coating                   |                   |
| Probe Material                | Thermopile                          |                   |
| Wavelength Range              | 0.19-15 $\mu$ m                     |                   |
| Max. Average Power Density    | 1.5 kW/cm <sup>2</sup>              |                   |
| Max. Energy Density           | 0.3J/cm <sup>2</sup> (1 ns Pulse)   |                   |
| Sensitivity                   | 100 $\mu$ W                         | 500 $\mu$ W       |
| Calibration Uncertainty (k=2) | $\pm$ 2%                            |                   |
| Response Time (0-90%)         | <1 sec.                             |                   |
| Linearity                     | $\pm$ 0.5%                          |                   |
| Power Supply                  | 18650 (2 batteries)                 |                   |
| Overall Weight                | 1.434 kg                            |                   |
| 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                              |                   |

