

## Laser Power Meter



TS2/ TS5/ TS15-TP100

### Features:

Wavelength range: 0.19 -25 $\mu$ m

Damage threshold: 15KW/cm<sup>2</sup>

Power measurement range: 2mW-15W

Active area diameter: 22mm

SMA905/FC fiber connector(Optional)

### SPECIFICATIONS

|                            |                                     |            |             |
|----------------------------|-------------------------------------|------------|-------------|
| Header Model               | TP100                               |            |             |
| Probe Model                | TS2                                 | TS5        | TS15        |
| Power Range                | 2 mW - 2 W                          | 2 mW - 5 W | 2 mW - 15 W |
| Active Area Diameter       | 22 mm                               | 22 mm      | 22 mm       |
| Probe Coating Film         | Broadband coating                   |            |             |
| Probe Material             | Thermopile                          |            |             |
| Wavelength Range           | 0.19-25 $\mu$ m                     |            |             |
| Max. Average Power Density | 15 kW/cm <sup>2</sup>               |            |             |
| Max. Energy Density        | 0.15J/cm <sup>2</sup> ,1064nm,1ns   |            |             |
| Sensitivity                | 2 mW                                | 2mW        | 2 mW        |
| Measurement Uncertainty    | $\pm$ 2%                            |            |             |
| Response Time (0-90%)      | <1 sec.                             |            |             |
| Linearity                  | $\pm$ 1%                            |            |             |
| Resolution                 | 100uW                               |            |             |
| 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                              |            |             |

