

## Laser Power Meter



TS100-40

### Features:

Wavelength range: 0.19 -25 $\mu$ m

Power measurement range: 50mW-100W

Single channel/ multi-channel power measurement

PC upper computer software display measurement

### SPECIFICATIONS

|                            |                                  |
|----------------------------|----------------------------------|
| Model                      | TS100-40-USB                     |
| Power Range                | 50mW - 100 W                     |
| Active Area Diameter       | 40 mm                            |
| Probe Coating Film         | Broadband coating                |
| Probe Material             | Thermopile                       |
| Wavelength Range           | 0.19-25 $\mu$ m                  |
| Max. Average Power Density | 20 kW/cm <sup>2</sup>            |
| Max. Energy Density        | 0.3J/cm <sup>2</sup> ,1064nm,1ns |
| Sensitivity                | 50mW                             |
| Measurement Uncertainty    | $\pm 2\%$                        |
| Response Time (0-90%)      | <7 sec.                          |
| Linearity                  | $\pm 1\%$                        |
| Resolution                 | 10mW                             |
| Accuracy                   | $< \pm 2\%$                      |
| Cooling Method             | Fan 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                           |

### TS100/TS200-USB

