

High-Power Water-Cooled Thermopile Sensors to 5kW (RoHS)

Measure industrial CO₂ and Nd:YAG lasers at power levels up to 5 kW.

| Name | PM1K | PM5K | PM3K | PM300 |
|---|---------------|---------------|---------------|---------------|
| Max Power (W) | 1000 | 5000 | 3000 | 300 |
| Active Area Diameter (mm) | 50 | 50 | 50 | 19 |
| Wavelength Range (µm) | 0.19 - 11 | 0.19 - 11 | 0.19 - 11 | 0.19 - 11 |
| Maximum Average Power Density (kW/cm ²) | See Apps Note | See Apps Note | See Apps Note | See Apps Note |
| Maximum Pulse Energy Density (J/cm ²) | 0.6 | 0.6 | 0.6 | 0.6 |
| Response Time (sec.) | 30 | 30 | 30 | 5 |
| Calibration Uncertainty (%) | 5 | 5 | 5 | 1 |
| Calibration Wavelength (nm) | 1064 | 1064 | 1064 | 514 |
| Detector Coating | Broadband | Broadband | Broadband | Broadband |
| Dimensions (mm) | Ø 120 x 59 | Ø 120 x 59 | Ø 120 x 59 | Ø 76 x 56 |
| RoHS Compliant | Yes | Yes | Yes | Yes |
| Part Number | 1098392 | 1098454 | 1098462 | 1141474 |
| Price | call | call | call | call |