

PRESENTATION

OVERVIEW OF THE DIFFERENT MODELS

Get accurate measurements with fast response times with our thermopile or pyroelectric power meters. Available with various absorbers, with the highest damage thresholds you can find in their category, our power meters cover a wide range going from the nanowatts to multi-kilowatts.



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UM-I-USB / UM-I-BNC

- Pyroelectric-Based Power Detectors with Integrated Digital (USB) or Analog (BNC) (no need for a monitor)
- Power Range from nW to mW
- USB: Powered by your PC
LabView Software included
- BNC: Battery or AC Powered

INTEGRATED USB OR BNC MODULES



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UM-B

- Small Compact Detector
- 9 mm Ø Aperture
- Power Range from nW to mW
- To be used with the DPM or APM Digital or Analog Modules
DPM is digital, powered by USB and includes powerful LabView Software
APM is Analog and includes battery and AC power

FOR USE WITH DPM OR APM



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XLP12

- Low Power Thermopile
Sensitivity of 200 mV/W
Noise Level of $\pm 0.5 \mu\text{W}$
- Minimal Thermal Drift of $6 \mu\text{W}/^\circ\text{C}$
- IR Filter Available

LOW POWER THERMOPILE



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UP-H

- Standard (Broadband) Coating
- Available in 4 sizes:

12 mm Ø	25 mm Ø
19 mm Ø	55 mm Ø
- Available with 5 Cooling Modules:
Convection (S, H or L)
Fan (F)
Water (W)

STANDARD COATING

4 SIZES

5 COOLING MODULES

UP TO 500 W

PRESENTATION



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UP-W & UP-VR

- UP-W
High Damage Threshold Coating (100 kW/cm²)
17 or 50 mm Ø Aperture
- UP-VR
High Peak Power Volume Absorbers
18 mm Ø Aperture

HIGH AVG OR PEAK POWER DENSITIES



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HP

- High Average Powers:
HP60A-3KW-HE 3 kW, 60 mm Ø Aperture
HP100A-12KW-HD 12 kW, 100 mm Ø Aperture
- Thermally Stable
- 2 Outputs per head: USB and DB-15

HIGH POWERS UP TO 12 KW



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FLASH

- Handheld Laser Probes: 500 W, 3 kW, 6 kW and 10 kW
- Fast Responses: 5 sec Measurement Times with most of the models
- Rugged Devices
All-metal body
High Damage Thresholds

**HANDHELD LASER PROBES
MODELS FROM 500 W TO 10 KW**



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STEP

- Temperature Controlled Power Sensors and Controller
- The Ultimate Choice in Measurement Stability:
Temperature control down to 0.05°C
- 2 Sizes for the TP Sensors:
5 mm Ø Aperture Pyroelectric with Organic Black Coating
9 mm Ø Aperture Pyroelectric with Organic Black Coating

TEMPERATURE CONTROLLED POWER METERS