

PRESENTATION

OVERVIEW OF THE DIFFERENT MODELS

The power detectors in this section measure from a few nW to 500 W. For powers higher than 500 W, see the High Power Solutions section on page 94.

DISPLAYS & PC INTERFACES
ENERGY DETECTORS
POWER DETECTORS
HIGH POWER SOLUTIONS
PHOTODETECTORS
THZ DETECTORS
OEM DETECTORS
SPECIAL PRODUCTS
BEAM DIAGNOSTICS

Available with

integra



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
- Available with volume absorber for short pulses

■ LOW POWER THERMOPILE 1 μW NOISE LEVEL

See page 64

NEW
Available with

blu

Available with

integra



UP-H

- Standard (Broadband) Coating
- Available in 6 sizes:

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

■ STANDARD COATING
■ 6 SIZES
■ 5 COOLING MODULES
■ UP TO 500 W

See pages 68 to 76

NEW
Available with

blu

Available with

integra



UP-W

- High Damage Threshold Coating ($100 \text{ kW}/\text{cm}^2$)
- 17 or 50 mm \emptyset Aperture
- Perfect for:
 - UV lasers, very fast lasers and small beams

■ HIGH AVG OR PEAK POWER DENSITIES

See page 70 to 80

PRESENTATION



Available with
blu

Available with
integra

UP-QED

- High Peak Power Volume Absorbers
- 16 or 52 mm Ø Aperture

- SPECIFICALLY DESIGNED FOR HIGH ENERGY
- SOLID STATE LASERS
- HIGH AVG OR PEAK POWER DENSITIES

See pages **82 to 80**

PRONTO

- Compact Power Probes up to 250 W
- Also available with 3 measurement modes (Pronto-250-PLUS)
- 19 mm Ø Aperture
- YAG and CO₂ Calibrations

- POCKET-SIZED
- EASY-TO-USE
- COLOR TOUCH SCREEN DISPLAY
- FROM LOW TO HIGH POWERS (1 TO 250 W)
- ADVANCED FEATURES LIKE DATA LOGGING AND DATA TRANSFER TO PC

See page **86**



UM-B

- Small Compact Detector
- Very Low Noise Level, down to 5 nW using a pyroelectric sensor *
- 9 mm Ø Aperture

- ULTRA-LOW POWER PYROELECTRIC
- 5 nW NOISE LEVEL

* Chopper needed for CW lasers.

See page **166**

