

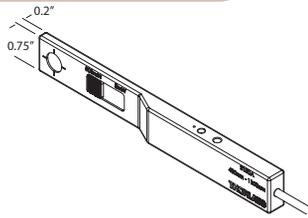
## PM30-130 Series Slim Sensor Optical Power Meters

### Sensor Features

- Slim Design Fits Into Tight Spaces
- Large Aperture
- Two Detector Versions: Si and Ge
- Slidable ND Filter Included

See Page 958 for Sensor Specifications

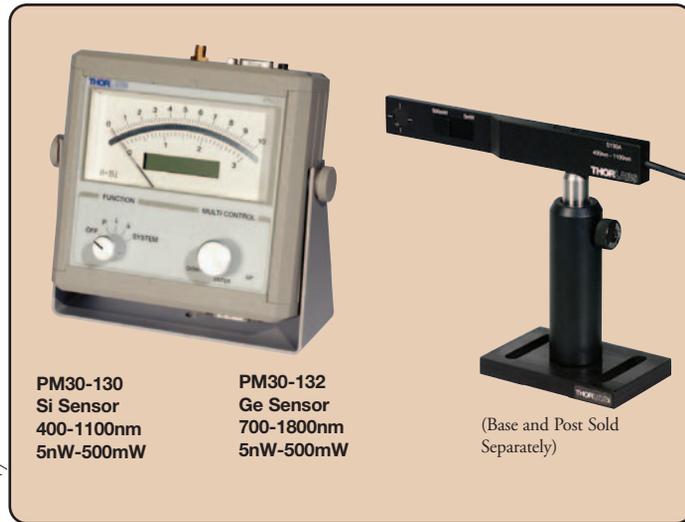
The PM30-130 series provides an ideal solution for making power measurements within a densely populated, fully assembled optical system.



It uses our S130 Series

ultra-slim sensor, measuring only 0.75" x 0.2" at the

photodiode location, that is designed for applications where space is critical and normal sensors are too large. Available with Si or Ge detectors, these detectors cover a wavelength range of 400-1800nm and power range of 5nW to 5mW. They are ideal for measurements on low-power CW laser beams. The built-in slidable ND filter extends the power range to a maximum of 500mW. The filter position is automatically detected by the console. Two sets of #8-32 and M4 threaded mounting holes allow mounting onto our standard post and post holders.



**PM30-130**  
Si Sensor  
400-1100nm  
5nW-500mW

**PM30-132**  
Ge Sensor  
700-1800nm  
5nW-500mW

(Base and Post Sold Separately)

ITEM#	\$	£	€	RMB	DESCRIPTION
PM30-130	\$ 995.00	£ 626.90	€ 925,40	¥ 9,502.30	Analog Slim Sensor Power Meter, 400 - 1100nm, 5nW to 500mW
PM30-132	\$ 1,195.00	£ 752.90	€ 1.111,40	¥ 11,412.30	Analog Slim Sensor Power Meter, 700 - 1800nm, 5nW to 500mW

## PM30-140 Series Integrating Sphere Power Meters

The PM30-140 Series incorporates Integrating Sphere Sensors to enable precise measurements that are widely independent of beam shape and entrance angle. It is especially useful for measuring highly divergent beams emitted from optical fibers or beams with higher power (up to 1W). The sensors are available for a wavelength range of 400-1700nm and for a power range of 1µW to 1W. The unit is supplied with an FC fiber adapter. Most industry standard fiber adapters, including FC, SC, SMA and bare fiber, are also available as accessories.

### Two Wavelength Ranges Available



**PM30-140**  
Si Sensor  
400-1100nm  
1µW-1W

**PM30-144**  
InGaAs Sensor  
800-1700nm  
1µW-1W



(Base and Post Sold Separately)

### Sensor Features

- Integrating Sphere-Based Power Measurements
- Fiber and Free-Space Measurements
- NIST Traceable Calibration
- Damage Threshold: 200W/cm<sup>2</sup>
- Dimensions: 30.5mm x Ø45mm

See page 959 for sensor specifications.

**NEW!**



**Fiber Adapters**  
See Page 959

Compatible Only With Our Integrating Spheres

ITEM#	\$	£	€	RMB	DESCRIPTION
PM30-140	\$ 1,250.00	£ 787.50	€ 1.162,50	¥ 11,937.50	Analog Power Meter, 400-1100nm, 1µW-1W, FC Adapter
PM30-144	\$ 1,350.00	£ 850.50	€ 1.255,50	¥ 12,892.50	Analog Power Meter, 800-1700nm, 1µW-1W, FC Adapter

\*Other adapters available upon request.