



## DataRay Power Meters

DataRay, in collaboration with Laser Point S.r.l., offers a line of power meters for absolute power and energy measurements. Simultaneous power and beam profiling measurement are now possible in DataRay's full featured software which has no license fees, unlimited installations, and free software updates. It is perfect for applications including: CW and pulsed laser measurements; field servicing of laser systems; R&D; OEM integration; quality control; and simultaneous power/beam profiling measurements.

### System Features

- Maximum average power up to kW
- Resolution as low as 100  $\mu$ W
- Damage resistant absorbers (up to 11 kW/cm<sup>2</sup> available)
- Absorber spectral range 0.19-11  $\mu$ m
- Aperture up to 70 mm
- Passive and active cooling options
- USB connectivity
- NIST traceable calibration
- Compatible with DataRay profilers for simultaneous power and profiling measurements

### Applications

- Absolute power measurements
- Field servicing of lasers and laser-based systems
- Parallel monitoring of laser beam power and profile
- Industrial laser monitoring



Sample Models	Absorber Spectral Range ( $\mu$ m)	Max. Average Power (W)	Min. Average Power (mW)	Aperture Diameter (mm)	Resolution (mW)	Cooling
PM-CC-5-D12-BBF	0.19 - 11	5	10	12	0.1	Passive via heatsink
PM-CC-40/200-D25-HPB	0.19 - 11	40	100	25	1	Passive via heatsink
PM-FA-50-D30-HPB	0.19 - 11	50	50	30	1	Forced air via fan
PM-FA-600-D40-HPB	0.19 - 11	600	500	40	10	Forced air via fan
PM-WC-600-D70-SHC	0.19 - 11	600	500	70	10	Water
PM-WC-3000-D55-SHC	0.19 - 11	3000	6000	55	1000	Water
PM-WC-6000-D55-SHC	0.19 - 11	6000	15000	55	1000	Water

Custom options available, contact [sales@dataray.com](mailto:sales@dataray.com)