

PM40-25D-HP-USB

Power Mode	
Max. Average Power	40 W
Max. Intermittent Power (1)	60 W
Min. Power	20 mW
Power Resolution	1 mW
Noise Equivalent Power (NEP)	1 mW
Response Time (0-90%)	1.5 sec
Power Calibration Uncertainty	± 3%
Power Linearity (2)	± 1%
Single Shot Energy Mode	
Max. Energy (with 100 ms pulse)	60 J
Min. Energy	50 mJ
Energy Resolution	1 mJ
Energy Calibration Uncertainty	± 5%
Absorber Specs	
Aperture	25 mm
Type	HPB
Absorber Spectral Range	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (3)	9 kW/cm ² @40 W
Max Energy Density (3)	5ms pulse width: 36 J/cm ² 10 μs pulse width: 1.2 J/cm ² 10ns pulse width: 0.3 J/cm ²
General Characteristics	
Cooling	Convection
Weight	0.9 kg
Dimension	100 x 100 x 55 mm
Cable length - connector	2.5 m - USB
Stand and Post	Light Duty Stand Included
Notes	
(1). 2 minutes max (2). Detector centrally irradiated @50% of useful surface. (3). Damage thresholds also depend on power level. Please see damage graphs for more details.	Available with fiber adapter