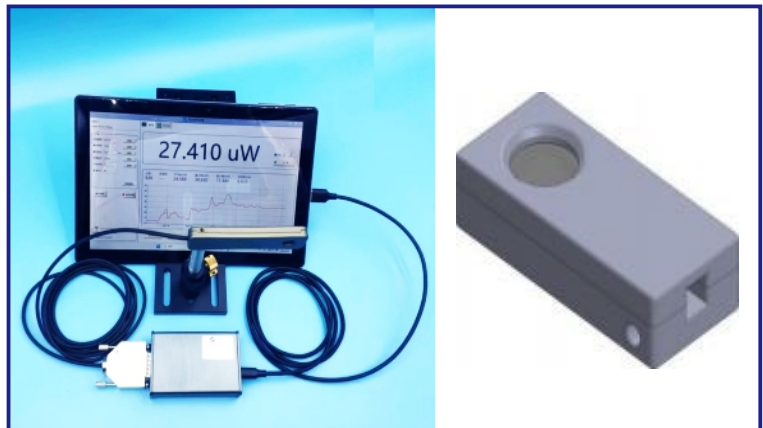


PD系列光功率探头

- ◇ 标准探头接口配合PD系列功率计
- ◇ 全光谱校准、客户自选补偿
- ◇ 内置固定光学衰减器
- ◇ 自动、手动测量挡位选择
- ◇ 可靠电磁屏蔽
- ◇ 高测量线性度和灵敏度
- ◇ 高至10KHz功率测量速度



PD系列光功率探头使用低噪声光电传感器，在可见及近红外波段提供精密激光功率测量。内置高平坦度光衰减器，适用更广泛的功率范围。功率探头采用全屏蔽外壳和导线提高电磁干扰兼容性。每个探头都经过全光谱功率和饱和功率校准。10毫米直径大面积传感器保证更好的光斑覆盖和功率测量准确性。

PD Sensor Parameter				
Model	PD10-10	PD10-100	PD10-500	PD10-2000
Spectral Range	350nm-1100nm			
Sensor Type	Si PIN photodiode			
Sensitivity Size	9.8mm x 9.8mm			
Probe Size	Φ 10mm 圆形			
Maximum Average Power	10mW	100mW	500mw	2.0W
Minimum Power	100.0pW	20nW	100nW	1uW
Calibration Uncertainty	±3% @400-940nm, ±5% @941-1100nm			
Sensor Uniformity	±2 %	±2 %	±3 %	±3 %
Nonlinearity	±0.5 %			
Maximum Single Shot Energy	10nJ	100nJ	10μJ	50uJ
Maximum Damage Threshold	5.0 W/cm ²	15 W/cm ²	30 W/cm ²	50 W/cm ²
Response speed	10uS	10uS	10uS	10uS
Response Frequency	100Hz			
Repeatability	< ±1%			
Cable	长度2.0m DB15插头			
Operating Temperature And Humidity	-10° C to 45° C, <70% RH			
Storage Temperature And Humidity	-25° C to 65° C, <90% RH			

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

Copyright ©2017 Shenzhen Huaone Light Co.,Ltd