

## TP5-BL

热释电探测器的激光功率测量高达 0.5 mW。



### 产品系列主要特性

#### SPECTRALLY FLAT RESPONSE

These radiometers were developed for NIST, to be used with a broadband spectrometer to act as a spectral transfer standard when calibrating other detectors in the 0.25 to 15  $\mu\text{m}$  range.

#### TEMPERATURE CONTROLLED POWER MEASUREMENT

Each head is composed of a low noise detector, thermistor, TE cooler and heatsink to compensate for any temperature change

#### THE ULTIMATE CHOICE IN MEASUREMENT STABILITY

Temperature control down to 0.05°C from 20 to 30°C gives a temperature coefficient <0.01 %, thus a voltage output stable to 0.01 %

#### 2 SIZES AVAILABLE

- TP5-BL: 5 mm  $\varnothing$  pyroelectric sensor with organic black coating
- TP9-BL: 9 mm  $\varnothing$  pyroelectric sensor with organic black coating

#### TO BE USED WITH THE STEP-CONTROLLER

Plug your TP sensor into the STEP-Controller for power supply and temperature control. You can then use the analog output with a scope or lock-in

#### 兼容性支架

[STAND-D-233](#)

## 规格

测量能力	
最大平均功率(连续)	500 $\mu\text{W}$
噪声等效功率	5 nW
光谱范围	0.25 - 15 $\mu\text{m}$
典型升起时间	0.2 s
功率校准不确定性	$\pm 2.5\%$
斩波器频率 <sup>1</sup>	10 Hz, 50% duty cycle
1. 单独售卖 SDC-500 数字光学斩波器	
损坏阈	
最大平均功率密度	50 mW/cm <sup>2</sup>
物理特性	
孔径	5 mm
吸收器	BL
尺寸	50.8 $\varnothing$ X 48.3D mm
重量	0.227 kg
订购信息	
TP5-BL	

规格如有更改, 恕不另行通知。有关完整规格, 请参阅用户手册。

对这个产品感兴趣吗?

获得报价

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