

## TP9-BL

최대 0.5 mW의 레이저 파워 계측용 초전기 검출기.



### 제품군 주요 특징

#### 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

호환 스탠드

[STAND-D-233](#)

## 사양

계측 성능	
최대 평균 파워(연속)	500 $\mu\text{W}$
등가노이즈파워(NEP)	5 nW
스펙트럼 범위	0.25 - 15 $\mu\text{m}$
일반 상승 시간	0.2 s
파워 교정 불확정성	$\pm 2.5\%$
초퍼 주파수 <sup>1</sup>	10 Hz, 50% duty cycle
1. SDC-500 디지털 광학식 초퍼는 별도로 판매됩니다.	
손상 한계	
최대 평균 파워 밀도	50 mW/cm <sup>2</sup>
물리적 특성	
구경 지름	9 mm
업소버	BL
치수	50.8 $\varnothing$ X 48.3D mm
중량	0.227 kg
주문 정보	
TP9-BL	

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

이 제품에 관심이 있으십니까?

견적받기

[gentec-eo.com/ko/contact-us](http://gentec-eo.com/ko/contact-us)에서 현지 영업 담당자를 찾으십시오.