

# Temperature Guard



## Model BP2 and BP-V Temperature Sensor

### Specification Sheet



BP2



BP-V

- NIST certificates are available and recommended if storing vaccines
- 10' of wire included with each sensor, more available for purchase
- Vials filled with glass beads are designed to mimic a vaccine bottle
- For all Temperature Guard Models

#### Description:

The temperature sensors incorporate a Class A, Thin Film Platinum RTD sensor which conforms to DIN-IEC-751 platinum RTD standards. These sensors are available in two or three wire configurations, incorporating high accuracy and interchangeability throughout a wide operating temperature range.

#### Specifications:

Output	1K Ohms @ 32°F (0°C)	
Accuracy	+/- 0.06% @ 32°F (0°C) Single Point +/- 1.0 Ohm @ 70°F (Averaging)	
Stability	Less than +/- 0.1°C drift	
Repeatability	+/- 0.2°C (+/- 0.36°F)	
Operating Temperature Range	BP2 -58 to 392°F (-50 to 200°C) BP-V -58 to 176°F (-50 to 80°C)	
Temperature Coefficient	0.00385 Ohm/Ohm/°C	
Standardization	DIN-IEC-751 (formerly DIN 43760)	
Resistance Characteristics	+/- 0.06% Class A (Standard)	
Dimensions	BP2 2" Length BP-V 1.25" Diameter X 2.75" Height	