

# IR-574/301

## CAVITY BLACKBODY



# 2.25" 1200 °C

### Specifications:

**Temperature Range:** 50 – 1200 C  
**Emittance Watts/Cm<sup>2</sup> (Watts):** 26.68 (684)  
**Wavelength Range:** 0.5 - 99um  
**Emissivity:** >0.99  
**Emitter Size: in (mm)** 2.25" (57)  
**Source Type:** Cavity  
**Temperature Resolution:** 0.1 C  
**Calibration Accuracy:** +/- 0.2 C to NIST Standard  
**Stability: Short (Long) Term:** +/- 0.1 C (+/- 0.2C)  
**Response Time:** 100-1200 <80 Minutes  
**Temperature Sensors:** Embedded 0.01% Matched Type S  
**Control Type:** Active Multi-Band P.I.D.  
**Line Voltage:** 90 to 125 or 208-240 VAC 50-60 Hz  
**Power Requirements:** 1400 Watts Max  
**Cable Length:** 8 Feet (2.4 m)  
**Dimensions: in (mm)** **Source:** 12.5" H x 20" D x 10" W (317x508x254)  
**Controller:** 5.1"H x 13.4"D x 12"W (130x340x304)  
**Warranty:** 1 Year  
**Standard Apertures:** 2.0" (50.8)  
**Remote Interface:** RS-232, RS-485 or IEEE-488/GPIB

### OPTIONS AND ADDITIONAL ACCESSORIES:

~ 2" Remote Control Motorized Indexed Aperture Wheel  
~2" Apertures  
~RS232 and IEEE/GPIB Communications

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# IR-574/301 DIMENSIONS

