

A PSC MODEL BBS230-EX EXTENDED AREA BLACKBODY CALIBRATION SOURCE



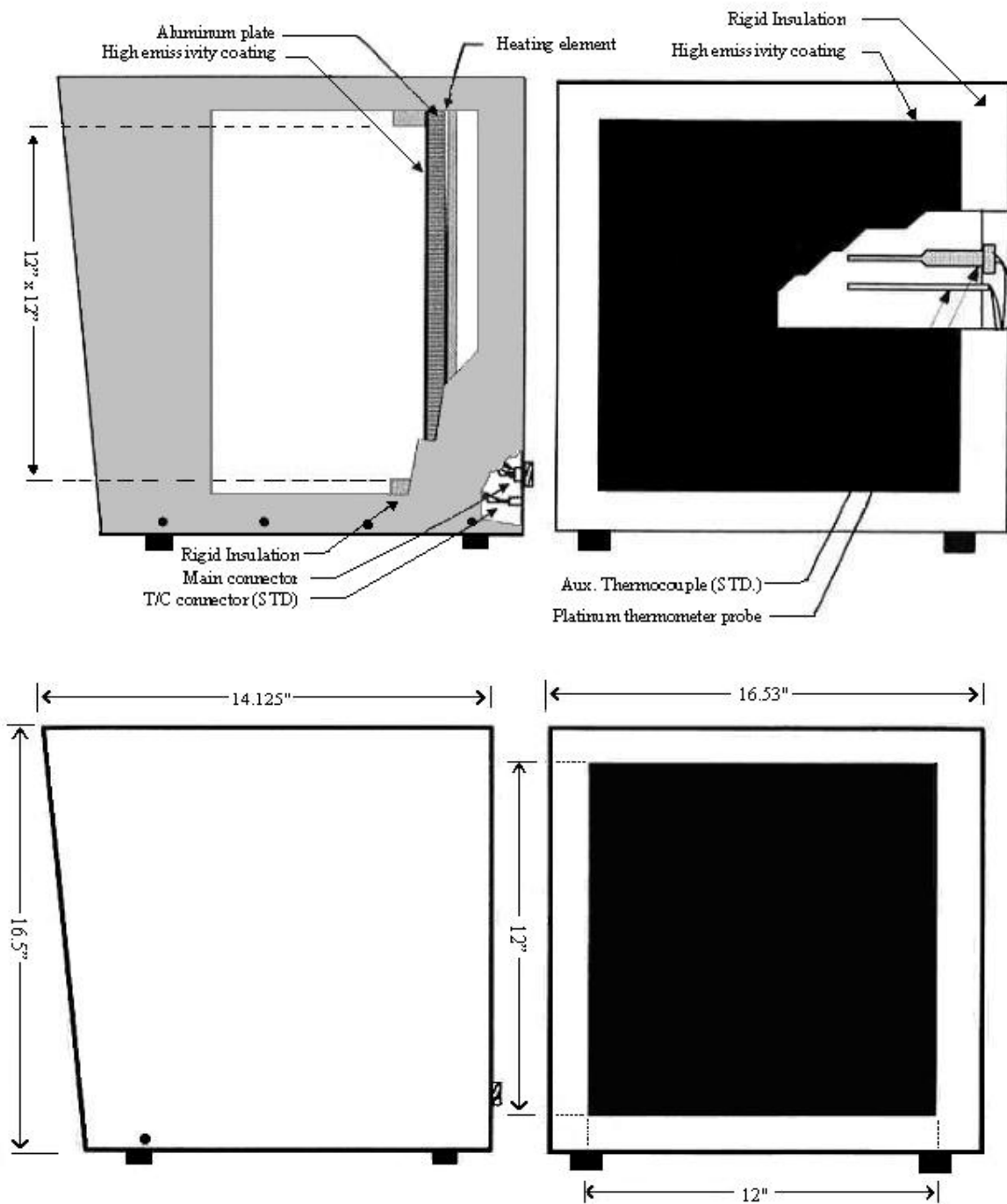
12" x 12"
230°C



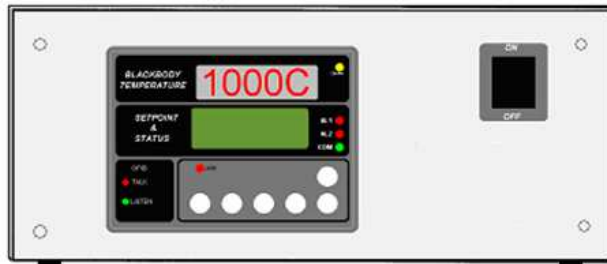
Model: BBS230-EX

Temperature Range:	Ambient to 230°C
Wavelength Range:	1 - 99um
Emissivity:	0.96 +/- 0.02
Emitter Size (mm):	12" x 12" (304mm x 304mm)
Source Type:	Extended Area
Temperature Resolution:	0.1C
Calibration Accuracy:	+/- 0.2 C + 1 digit (to NIST Standard)
Stability: Short/Long Term:	+/- 0.1 C (+/- 0.2C)
Response Time:	Ambient to Max. Temperature < 50 Minutes
Temperature Sensors:	Platinum RTD & Type T
Control Type:	Active Multi-Band P.I.D.
Line Voltage:	90 to 125 or 208-240 VAC 50-60 Hz
Power Requirements:	1500 Watts Max
Cable Length:	8 Feet (2.4 m)
Source Dimensions (mm):	17" H x 17" D x 17" W (432x432x432)
Controller:	5.1"H x 13.4"D x 12"W (130x340x304)
Warranty:	1 Year
Remote Interface:	RS-232 or IEEE-488/GPIB
Weight Emitter:	50 lbs
Weight Controller:	9 lbs (optional rack mount - 10lbs)

Blackbody Source Dimensions:

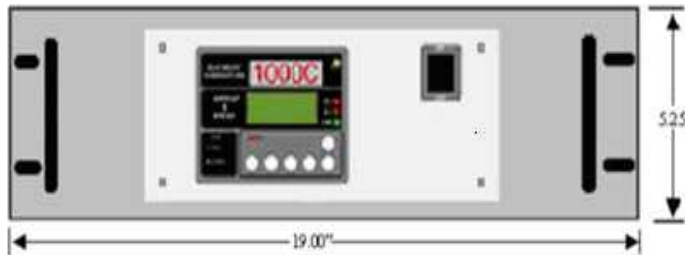
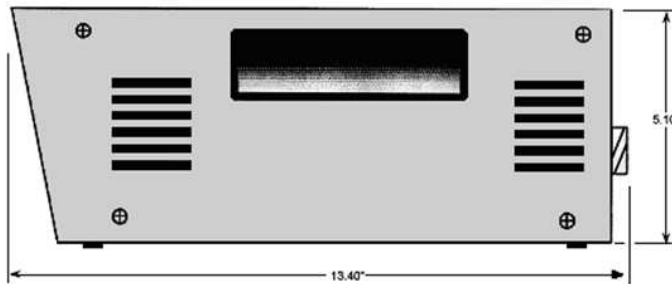


Controller Enclosure Dimensions:



12.00"

Bench Top design



19" Rack Mount design

