

MODEL BBS500-EX

EXTENDED AREA BLACKBODY CALIBRATION SOURCE



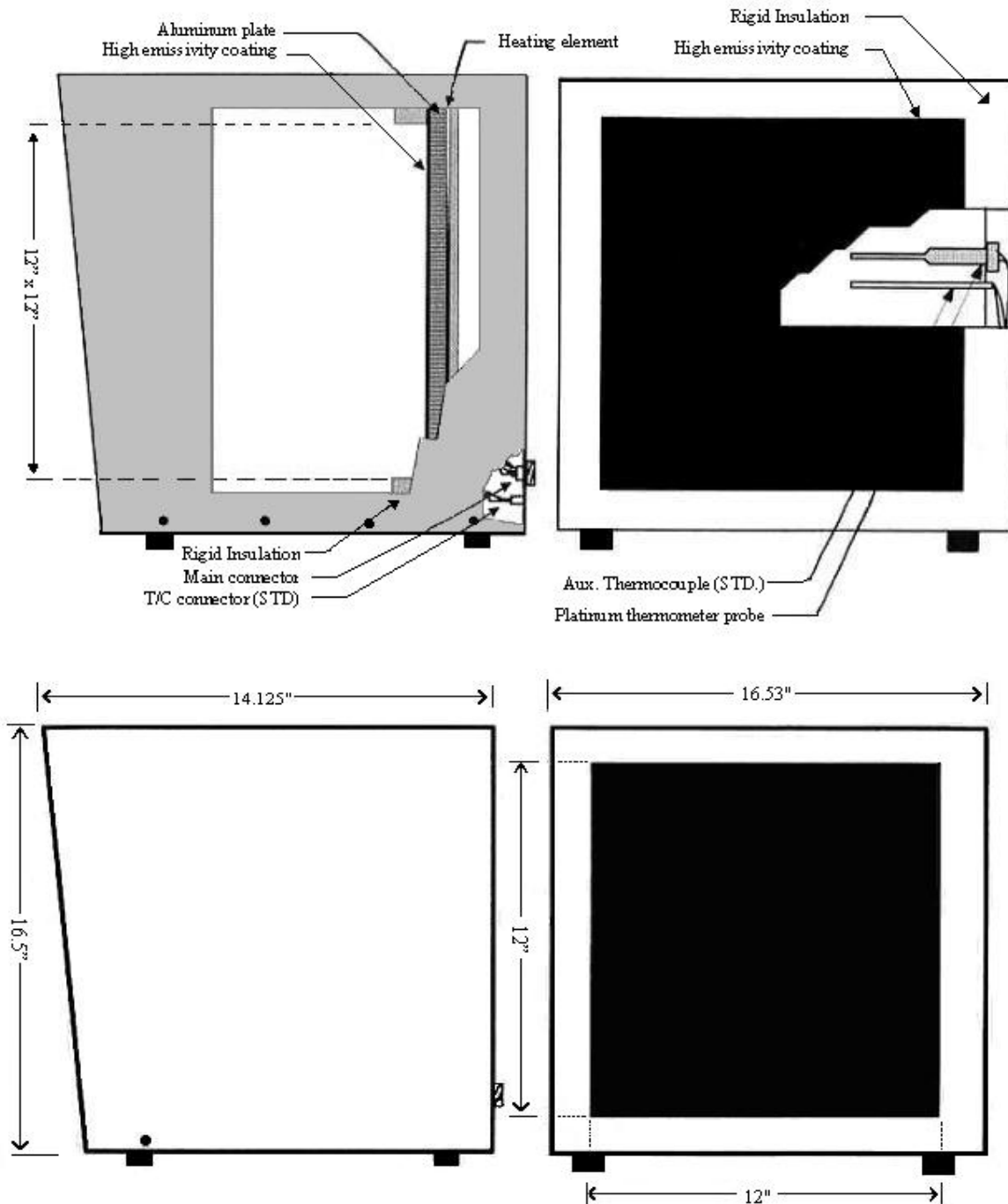
12" x 12"
500 °C



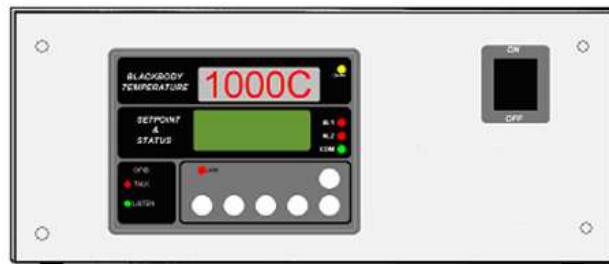
Model: BBS500-EX

Temperature Range:	Ambient to 500°C
Wavelength Range:	1 - 99µm
Emissivity:	0.96 +/- 0.02
Emitter Size (mm):	12" x 12" (304mm x 304mm)
Source Type:	Extended Area
Temperature Resolution:	0.1°C
Calibration Accuracy:	± 0.2°C + 1 digit (to NIST Standard)
Stability: Short/Long Term:	± 0.1°C (± 0.2F)
Response Time:	Ambient to Max. Temperature < 50 Minutes
Temperature Sensors:	Platinum RTD & Type S
Control Type:	Active Multi-Band P.I.D.
Line Voltage:	208-240 VAC 50-60 Hz
Power Requirements:	4500 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:	60 lbs.
Weight Controller:	9 lbs. (optional rack mount - 10lbs)

Blackbody Source Dimensions:

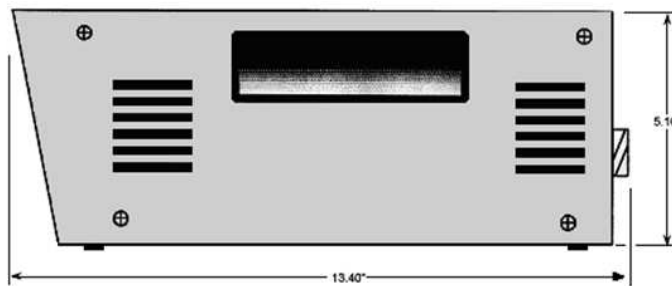


Controller Enclosure Dimensions:

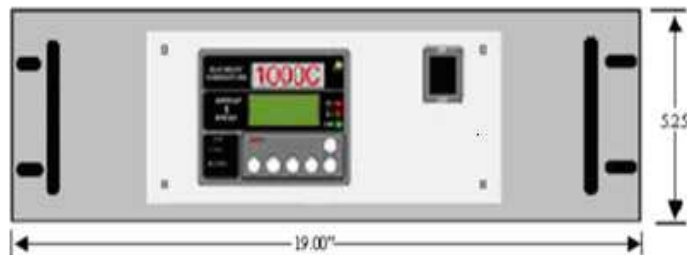


12.00"

Bench Top design



13.40"



19.00"

19" Rack Mount design

