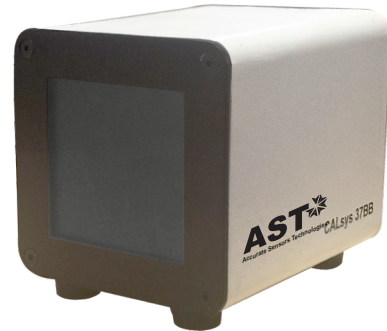


CALsys 37BB calibration source is a accurate & stable Portable blackbody specially designed for increasing accuracy of thermal imager based human body temperature monitoring.

The emissivity of the target is 0.98(±0.01). The temperature of the furnace is set and controlled by a self tuned PID controller with automatic super ne adjustment.



### SPECIFICATIONS

<b>Temperature Range</b>	: Ambient +5°C to 50°C
<b>Temp. Resolution</b>	: 0.01°C for CALsys 37BB-A 0.1°C for CALsys 37BB-B
<b>Stability</b>	: ±0.04°C at 37°C
<b>Accuracy</b>	: ±0.1°C at 37°C
<b>Controlling Sensor</b>	: Precision PRT
<b>Method of Control</b>	: Digital self tuned PID Controller
<b>Emissivity</b>	: 0.98 ±0.01
<b>Time to Reach Max Temp</b>	: 10 to 15 Mins
<b>Operating Temperature</b>	: 20 to 40°C
<b>Power Requirement</b>	: 110/230 VAC, 100W
<b>Dimensions of cabinet</b>	: 110(H) X 110(W) X 137(D) mm (Approx)
<b>Cavity</b>	: High Emissivity Painted Aluminum Plate
<b>Aperture</b>	: 70 x 70mm
<b>Weight</b>	: 3Kg (without packing )

### KEY FEATURES

- High Accuracy
- High Stability
- Simple to use and cost effective
- Portability
- It has Tripod/Wall Mounting provision

### STANDARD ACCESSORIES

- Carry Case
- Operational Manual

### DIMENSIONS

