



**BR125**

**SENTEST.com**

For calibration and accuracy verification of infrared thermometers.



## General

Ambient Temperature	0°C to 45°C
Dimensions (L*W*H)	230 × 230 × 325 mm
Weight	7.5 kg

## Electrical

Temperature sensor	Pt100
Controller	PID
Power supply	220VAC ±10% 50/60Hz 200W

## Measurement Specifications

Temperature Range	-30°C ~ 125°C
Accuracy	± 0.15% of full scale
Temperature resolution	0.01°C
Aperture	Φ50 mm
Emissivity	5.00°C to 125.00°C ≥ 0.99 -30.00°C to 4.99°C ≥ 0.98
Warm up time	10°C/15 min
Temperature stabilization time	± 0.1°C/30 min

## Highlights

- Temperature ranges from -30°C to 125°C
- Built-in PID autotune control
- Compact and rugged design
- Perfect for calibrating and testing infrared sensors

## Package Content

- 1) BR125 blackbody calibration source \*1
- 2) Operator's manual \*1
- 3) Test report \*1
- 4) Two pieces of spare 5A fuse
- 5) AC power cord \*1
- 6) Radiant tube

Specifications are subject to change without notice  
BR125-E23-A