



BR400

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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	7.2 kg

Electrical

Temperature sensor	Pt100
Controller	PID
Power supply	230VAC ±10%, 50/60 Hz (optional: 110VAC)
Power consumption	450 W

Measurement Specifications

Temperature Range	Tamb+10°C ~ 400°C
Accuracy	± 0.5°C at 50°C ± 1.0°C at 100°C ± 1.3°C at 250°C ± 2.0°C at 400°C
Temperature resolution	0.1°C
Aperture	Φ125 mm
Emissivity	> 0.97
Warm up time	100°C /45 min
Temperature stabilization time	± 0.2°C/30 min

Highlights

- Temperature ranges from Tamb+10°C to 400°C
- Built-in PID autotune control
- Compact and rugged design
- Perfect for calibrating and testing infrared sensors

Package Content

- 1) BR400 blackbody calibration source
- 2) AC power cord
- 3) Two pieces of spare 5A fuse
- 4) Four pieces of spare tiles
- 5) Operator's manual
- 6) Test report

Specifications are subject to change without notice
BR400-E23-A

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