



BR-M400



General

Ambient Temperature	0°C to 45°C
Dimensions (L*W*H)	220 × 160 × 260 mm
Weight	4.3 kg

Electrical

Temperature sensor	Pt100
Controller	PID
Power supply	220VAC ±10% , 50/60 Hz
Power consumption	350 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	Φ70 mm
Emissivity	> 0.97
Warm up time	100°C ≤ 30 min
Temperature stabilization time	± 0.2°C/30 min

Highlights

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

Package Content

- 1) BR-M400 blackbody calibration source
- 2) AC power cord
- 3) Two pieces of spare 5A fuse
- 4) Operator's manual
- 5) Test report



Specifications are subject to change without notice
BR-M400-E23-A