



BRM500



General

Ambient Temperature	0°C to 45°C
Dimensions (L*W*H)	220 × 160 × 260 mm
Weight	5.4 kg

Electrical

Temperature sensor	Pt100
Controller	PID
Power supply	220VAC ±10% , 50/60 Hz
Power consumption	450 W

Measurement Specifications

Temperature Range	Tamb+10°C ~ 500°C
Accuracy	± (0.38+0.002t)
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 ~ 500°C
- Built-in PID autotune control
- Compact and rugged design
- Perfect for calibrating and testing infrared sensors

Package Content

- 1) BRM500 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
BRM500-E25-A

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