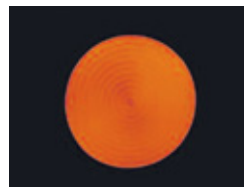


More Precision.



optris® BR

Calibration source BR 400



Thermal image of the radiator

FEATURES

- Radiator temperature up to 400°C
- Excellent homogeneity, precision & long-term stability
- Compact and rugged design
- Perfect for calibrating and testing infrared sensors

General specifications

| | |
|------------------------|-----------------------------|
| Ambient temperature | 0 - 50°C (during operation) |
| Weight | 4.5 kg |
| Dimensions (H x B x T) | 325 mm x 230 mm x 230 mm |

Electrical specifications

| | |
|--------------------|-----------------|
| Temperature sensor | Pt100 |
| Controller | PID |
| Power supply | 220 V AC, 50 Hz |
| Power consumption | 500 W |

Measurement specifications

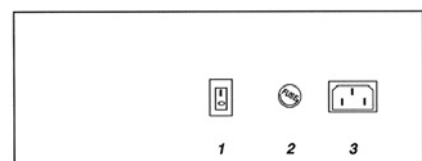
| | |
|------------------------|---|
| Temperature range | $T_{amb} + 5^{\circ}\text{C} - 400^{\circ}\text{C}$ |
| Accuracy | 1 % of reading, ± 1 digit |
| Temperature resolution | 0.1°C |
| Aperture | 128 mm |
| Emissivity | 0.95 |
| Warm-up time | 45 min |

Operating elements front: PID-controller



Operating elements/Connections backside:

- 1 - Power switch
- 2 - Fuse
- 3 - Power supply



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A member of the micro-epsilon group.

Specifications are subject to change without notice.
BR-DS-E2005-06-B

