

# IMPRESS

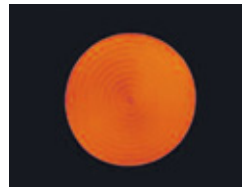
SENSORS & SYSTEMS

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Pressure - Temperature - Level - Flow - Analytical - Control - Indication - Data logging

## 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

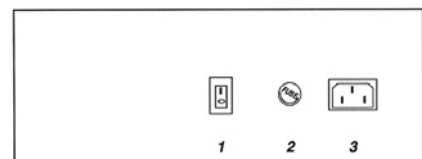
Temperature range	$T_{amb} + 5^{\circ}\text{C} - 400^{\circ}\text{C}$
Accuracy	1 % of reading, $\pm 1$ digit
Temperature resolution	0.1°C
Aperture	128 mm
Emissivity	0.95
Warm-up time	45 min

#### Operating elements front: PID-controller



#### Operating elements/Connections backside:

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



Visit the website: [www.impress-sensors.co.uk](http://www.impress-sensors.co.uk)

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