



975

Medium temperature lost cost fast Greybody source, 50°C to 350°C



The 975 is a low cost fast Greybody source offering a cost effective solution for the calibration and testing of infrared thermometers from 50°C to 350°C. It gives fast accurate results with a larger sensing area.

Description

The 975 is a low cost fast Greybody source offering a cost effective solution for the calibration and testing of infrared thermometers from 50°C to 350°C. It is ideal when the high accuracy offered by the Gemini R 976 is not necessary.

The Greybody model 975 gives fast accurate results with a larger sensing area. A temperature sensor sits just under the target surface and controls the temperature of the source. A custom designed surface sensor is used to set the controller calibration and a traceable certificate is supplied with each source.

Key features:

- Medium temperature Blackbody source: 30°C to 350°C
- Emissivity: > 0.95
- Ridged plate target: 70 mm diameter



Specifications

Temperature range	50°C to 350°C
Target size	70 mm diameter Ridged plate
Stability	±0.2°C
Accuracy	±2°C
Emissivity	> 0.95
Heating time	35 min

General specifications

Size	115 x 230 x 225 mm
Weight	3.9 kg
Display	Resolution: 0.01°C at 50 / 99,99 and 0.1°C at 100 / 350
Power supply	100 / 130 V or 208 / 240 VAC, 50/60 Hz 180 Watts



Models and accessories

Instrument:

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Delivered in standard with:

- User manual
- Traceable certificate

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Packing information:

Size 115 x 230 x 225 mm

Weight without packing 3.9 kg