

PYROTHERM CS 1500

Infrared calibration source/black body

Overview



Description

The infrared radiation source PYROTHERM CS 1500 is well suited for calibration and examination of infrared radiation thermometers in the temperature range from 300 °C to 1500 °C.

The temperature adjustment can be done directly at the black body or via serial interface RS-485 (optional USB adapter) with PC software. Digital PID controller and high-precision platinum thermocouple provide excellent accuracy and stability.

Technical data

Type	PYROTHERM CS 1500
Temperature range	300 °C to 1500 °C ¹
Aperture diameter	35 mm
Emissivity	0.99 ± 0.005
Uncertainty	± 0.25 % of measured value ± 2 K
Control stability	0.3 K
Display resolution	0.1 K
Heat up time	300 °C: 20 min, 1300 °C: 40 min
Temperature sensor	Platin thermocouple
Controller	PID
Interface	RS-485 (optional USB adapter)
Dimensions	530 mm × 380 mm/355 mm × 500 mm
Weight	appr. 32 kg
Power supply	120/230 V AC, 3000 VA

Svensk generalagent och distributör:

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We are certified
for many years
according to
ISO 9001

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