

Portable IR Calibrator

EQ - BX500

EquinoxTM

The Mini infrared Calibrator is mainly structured by 58mm diameter target assembly and system controlled by microcomputer. Portable IR Calibrator provides a stable blackbody target for calibrating non-contact IR thermometers up to 500°C.

The calibrator is applied a class - A PT100 as a sensor with a temperature control system and wind-cold device. The calibrator has rapid heating and cooling function and is switch able °C / °F which can be used in different temperature unit calibration. The calibrations can be done over a range of 50°C to 500°C temperature display and stability resolution is 0.1degree.

Features

- ◆ Large 58mm Blackbody Target
- ◆ Small, Compact Design
- ◆ Isothermal, Stable Blackbody Target
- ◆ High performance Calibration Standard
- ◆ Easy to use point-and-shot

Specifications

Range	50 °C to 500 °C (122 °C to 932 °F)
Accuracy	±0.8 °C at Temp 100 °C (±1.6 °F at Temp 212 °F) ±1.6 °C at 100 °C < Temp 200 °C (±3.2 °F at 212 °F < Temp 392 °F) ±2.8 °C at 200 °C < Temp 500 °C (±5.6 °F at 392 °F < Temp 932 °F)
Stability	±0.1 °C at Temp 100 °C (±0.2 °F at Temp 212 °F) ±0.2 °C at 100 °C < Temp 350 °C (±0.4 °F at 212 °F < Temp 662 °F) ±0.4 °C at 200 °C < Temp 500 °C (±0.8 °F at 392 °F < Temp 932 °F)
Target Emissivity	0.95
Resolution	0.1°C / 0.1°F
Heating Time	30 minutes to max
Cooling Time	30 minutes to 100 °C (122 °F)
Aperture Diameter	58mm
Power	220VAC(±10%), 1.25A /110VAC (±10%), 2.5A
Size	180 x 114 x 233mm
Weight	3kg

CE



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Certificate No. IQSC202010014