

Pyrometer Blackbody Calibration Source MODEL : 390

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Model 390 Blackbody Calibrator, a great performance calibration system, is design for calibrating infrared pyrometers. This series is special designed with wide open aperture and deep cavity which provides the excellent result of emissivity. Model 390 is available functioned within the broad temperature range of 100 to 700°C. Moreover, wide open aperture design has ability to provide a steady, repeatable calibration point which allows the user ease to calibrate most infrared pyrometers quickly and accurately. The deep prolong cavity offer high emissivity enabling the user to calibrate virtually with any infrared pyrometer with a 60 mm diameter aperture. This model has the option to choose the additional compunction module which able to communicate with the computer by applying RS 485 computer interface.

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[FEATURE]

- Fast and easy, accurate calibration on infrared pyrometer
- Built in auto tuning digital PID temperature controller with temperature resolution up to 0.01°C
- Wide-opened 60mm aperture in accordance with ASTM standard conical cavity to provide best emissivity.
- Special designed mechanism with low heat radiation that maintains comfortable work environment.
- Ceramic material creates the blackbody non-oxidized and extreme durable.

[SPECIFICATION]

Model		390
Temperature Range		100°C to 700°C
Stability		±0.15 °C @ 30min
Target Emissivity		> 0.96
Heat-up Time for Stabilization		60 min from ambient to 700°C
Ambient Operating Range		20°C to 35 °C (Air-conditioned environment)
Computer Interface		RS 485 (Optional)
Power		5.2Amp (@230 VAC) 50/60 Hz
Dimension	Aperture	60mm
	Overall	300H x 450 W x 450 L mm
Weight	N.T	About 29.3 Kgs

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