

Pyrometer Calibrator HS-25-400



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Infrared pyrometers are often used for control and supervision of production processes. The calibration source HS-25-400 is suitable to check the proper function of the pyrometers. Due to its compactness, it is ideal for integration into production facilities. A mechanical interface of holes and threads supports the integration. The black body calibration source can be used to check individual temperature points or to do a whole new calibration of the pyrometer. The complete system consists of the calibration source HS-25-400, the temperature controller TC10-LV and a cable set. The system is designed only for intermittent operation.

Technical data

Calibrator:

Temperature range:	100°C bis 400°C (not cooling)
Dimension of heated area:	Ø=25mm
Heating power:	100W, 24Vac
Heating rate:	50°C/min
Time constant 20°C -> 200°C:	4min
Dimension (WxHxD):	80 x 43 x 110 mm (cable not connected)
Weight:	0,7 kg

Controller:

Power supply:	230Vac,50Hz (115Vac on request)
Current:	max. 0.3A
Protection:	2 x fine-wire fuse 5x20mm 0,8A
Safety features:	sensor break detection, sensor short circuit detection, over temperature limit

Communication:

Ambient temperature:	5°C bis 40°C
Weight:	aprox.. 2kg (including power cable)
Dimension (WxHxD):	60 x 105 x 240 mm (cable not connected)
Protection:	IP40