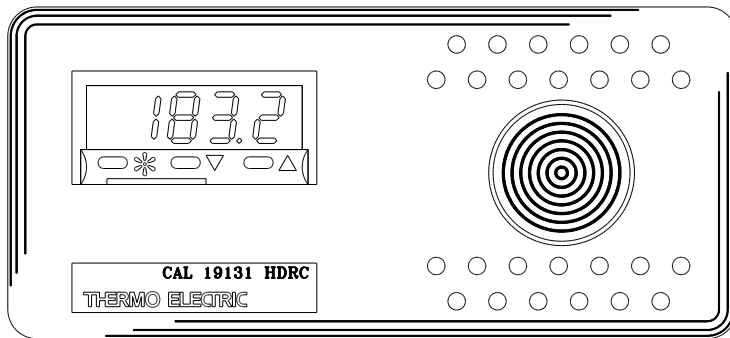


HAND HELD INFRA-RED CALIBRATOR



portable, 33,0 °C to 400,0 °C



Features:

- Hand held
- Black body
- Light weight
- 0,1 °C resolution
- Small size
- Microprocessor based

Applications:

For frequent accuracy checks of an infrared calibrator; an excellent tool for any service shop or calibration laboratory.

Specifications:

Model	:	CAL-9131
Temperature range	:	33,0 °C to 400,0 °C (92 °F to 752 °F)
Display resolution	:	0,1°
Display	:	actual and setpoint temperature
Control system	:	PID controller
Accuracy	:	± 1 °C to 100 °C ± 2 °C to 250 °C ± 3 °C to 400 °C
Stability	:	± 0,2 °C at 33 to 200 °C ± 0,3 °C at 200 to 300 °C ± 0,4 °C at 300 to 400 °C
Stability time	:	3 minutes to max
Emissivity	:	0,95
Heating time	:	15 minutes (depending on setpoint)
Cooling	:	via built-in fan
Cooling time 400 °C - 100 °C	:	25 minutes
Target size	:	25 mm
Target type	:	concentric machined rings
Reference well o.d.	:	3,2 mm drilled into the target (access from above)
Usage position	:	horizontal
Enclosure	:	rugged aluminium
Dimensions	:	57 x 125 x 150 mm (H x W x D)
Power supply	:	90 to 130 VAC 50/60 Hz or 180 to 260 VAC 50/60 Hz
Carrying case	:	rugged, ABS tough case with O-ring for water tight closing; foam interior protects dry-well and accessories
Weight	:	1,08 kg

Ordering code:

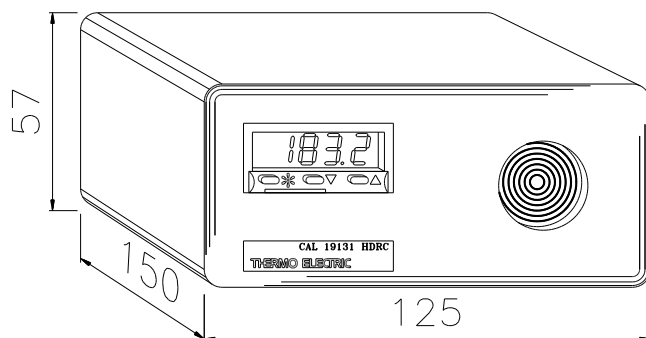
CAL - 9131

HAND HELD INFRA-RED CALIBRATOR



portable, 33,0 °C to 400,0 °C

Dimensions (in mm):



Options:

- °F unit (92 °F to 752 °F) with 1° resolution.
- For laboratory and industrial temperature reference standards see sheet L/400, L/410, L/420, L/430, L/440 or L/450.
- For special requirements or other calibration equipment contact Thermo Electric.

Accessories:

CAL-3206 : rugged carrying case