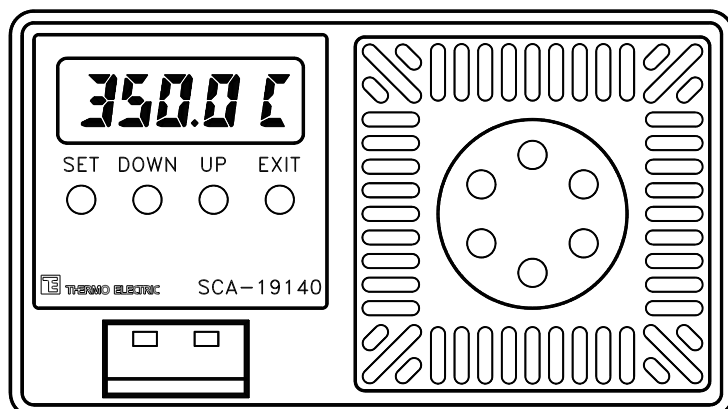


CALIBRATION FURNACE

portable, 33,0 °C to 350,0 °C



Features:

- High accuracy
- Compact; small size
- Light weight
- 0,1 °C resolution; large range
- Super cooling
- Microprocessor based
- RS 232 included

Applications:

For quick accurate testing of thermocouples and resistance elements in laboratories, refineries power stations, steel works, maintenance, repair and testing facilities.

Specifications:

Model	: CAL-9140
Temperature range	: 33,0 °C to 350,0 °C (92 °F to 662 °F)
Display resolution	: 0,1°
Display	: actual and setpoint temperature
Control system	: PID controller with high stability platinum RTD probe
Accuracy	: ± 0,5 (for larger holes than 6,4 mm ± 1 °C)
Stability	: ± 0,1 °C below 300 °C; ± 0,2 °C above 300 °C
Heating time	: 10 minutes from ambient to 350 °C
Cooling time 350 °C - 100 °C	: 10 minutes
Stabilization time	: approx. 10 minutes
Uniformity	: 0,4 °C typical, 0,1 °C with similar size wells
Insertion length	: 124 mm
Interchangeable inserts	: one of the following blocks is available block A : (variety block) 12,7 mm, 9,5 mm, 6,4 mm, 4,8 mm, 3,2 mm and 1,6 mm block B : (comparison block) 2 x 9,5 mm, 2 x 6,4 mm, 2 x 4,8 mm, 1 x 3,2 mm block C : (1/4" comparison block) 6 x 6,4 mm
Usage position	: horizontal
Enclosure	: rugged aluminium
Dimensions	: 153 x 86 x 197 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	: 2,3 kg (excluding carrying case)

Ordering code:

CAL - 9140 - block

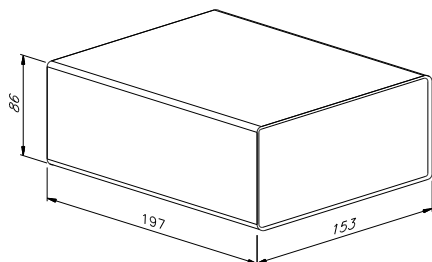
A, B or C

CALIBRATION FURNACE

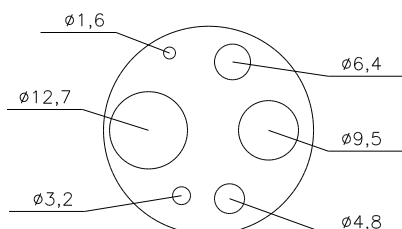
portable, 33,0 °C to 350,0 °C



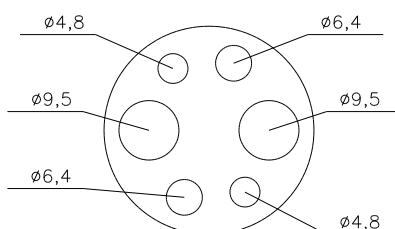
Dimensions (in mm):



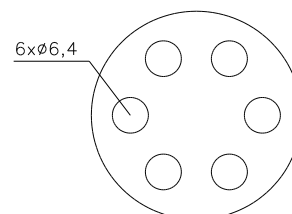
Block "A"



Block "B"



Block "C"



Records and bursts:

CAL-3223	:	insert block blank for CAL-9140
CAL-3210	:	insert block A for CAL-9140
CAL-3211	:	insert block B for CAL-9140
CAL-3212	:	insert block C for CAL-9140
CAL-3214	:	carrying case for CAL-9140/9102