

Pyros+ 06



PORTABLE TEMPERATURE CALIBRATOR

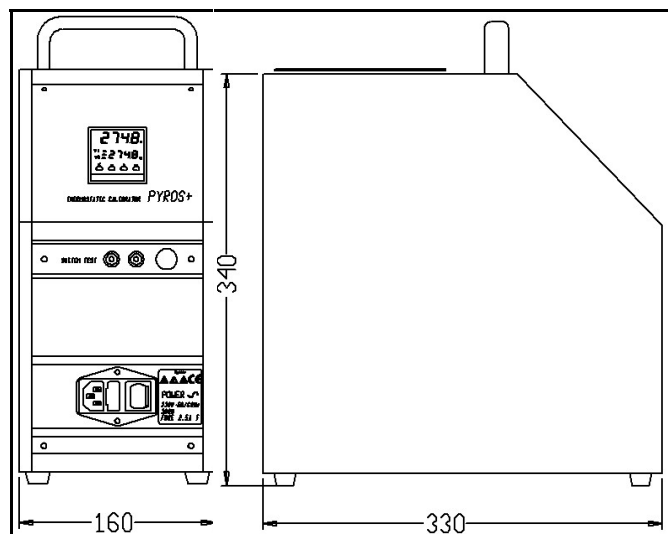


Operating range:
Enviromet / + 600° C

Applications:

- Control and calibration of temperature sensor, in the laboratory, on board and in the field, in conformity with ISO 9000 standards.
- Control of thermostats.





Pyros+ 06



PORTABLE TEMPERATURE CALIBRATOR

The **PYROS+** temperature calibrator is a compact instrument used to calibrate transducers, RTD and temperature-measuring sensors in the field, on board and in the laboratory.

The **PYROS+** make it possible to control thermostats with a visual check of the work or alarm threshold.

TECHNICAL CHARACTERISTICS

The **PYROS+** oven consists of a metal block measuring 50 mm in diameter and 200 mm in height heated by a resistance which winds around the outer surface of the block.

4 holes 6,5, 10,5, 12,5, and 17mm in diameter are made in the aluminium bronze block into which the calibration probes are inserted.

The electronic micro-processor unit which regulates the temperature of the **PYROS+** allows the apparatus to operate at an optimum accuracy of $\pm 1^\circ\text{C}$ @ 450°C when carrying out calibrations on the field, on board or in the laboratory.

A fan is fitted inside the equipment which not only cools the electronic part but also makes it possible to decrease the temperature of the equalizer block quickly. The equipment is fitted with sockets for connecting up the test thermostat and a light comes on/off when the thermostat switches on/off. For carrying out more accurate controls on thermostats, it is possible to reduce the heating power in order to limit the speed of temperature increase.

The **PYROS+** calibrator, together with a standard thermometer, constitutes a complete calibration system, in conformity with ISO 9000 standards.

TECHNICAL DATA

Operative range:	Environment $\div + 600^\circ\text{C}$
Stability:	$\pm 0,5^\circ\text{C}$ a 450°C
Display resolution:	$0,1^\circ\text{C}$
Reading accuracy:	$\pm 1^\circ\text{C} \pm 1$ Digit @ 450°C
Probe:	Pt100
Maximum ascent rate:	$20^\circ\text{C}/\text{min}$
Maximum descent rate:	$25^\circ\text{C}/\text{min}$ (from 450°C to 200°C)
Testwells 4 holes:	6.5/10.5/12.5/17 mm x 185 mm in dept.
Power supply:	230 V (115 V) 50/60 Hz. 800 VA
Size:	160 x 330 x h 340 mm
Case size:	350 x 450 x 490 mm
Weight of calibrator:	9,5 kg
Weight including carrying case, accessories and pa- cking:	14 kg

ORDERING CODE:

STANDARD EQUIPMENT

CODE: PYROS+ 06-2 (220 V - 50 Hz)

CODE: PYROS+ 06-1 (115 V - 50 Hz)

- PYROS+ calibrator.
- Electric power cable.
- Tweezer for insert removing.
- Fuses kit.
- Thermostat testing connection cable.
- Instruction manual.
- Calibration certificate traceable to SIT standard.

OPTION KIT

(CODE: KIT-PYROS+)

- Cordura® soft bag.
- Blank insert.
- Insert with 1 hole 9,5 mm ID.

MARINE KIT also includes:

- BT20 (pressure pump generator).
- BT350 (hydraulic pump generator).
- MICROCAL1 (electronic generator and simulator).

CERTIFICATION:

All the instruments are supplied with final testing, stability and accuracy certification traceable to SIT standards.



A QUESTION OF CALIBRATION