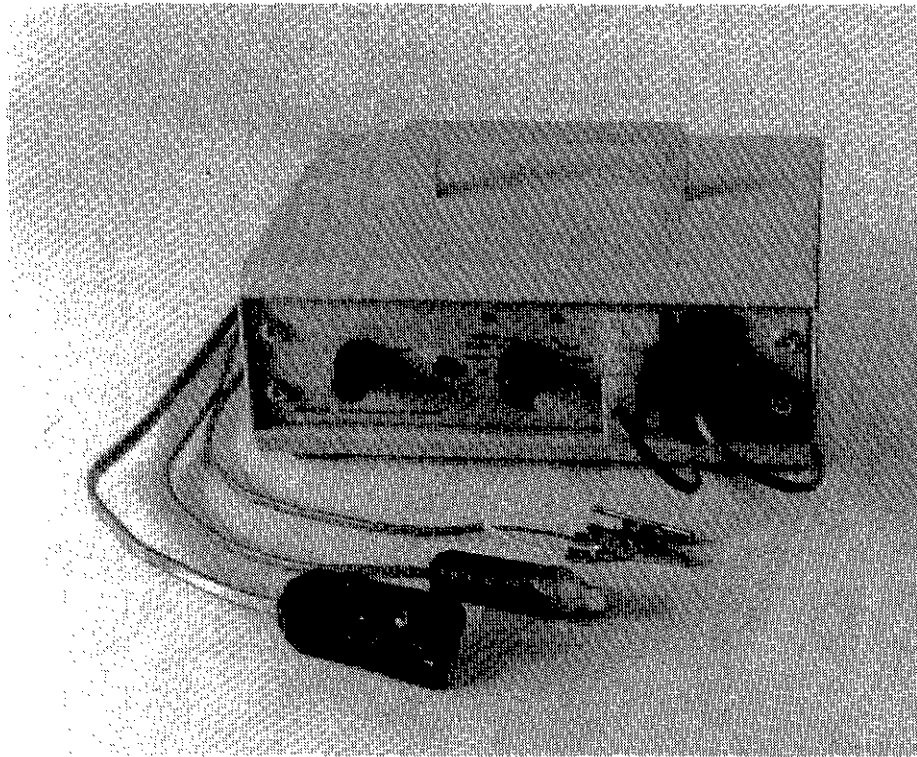


NICAL SIMULATOR



The NICAL Thermocouple Simulator is a rugged, battery portable, accurate and easy to use Calibration unit. It is designed for use in foundries, usually as a 2 thermocouple checking device. 4 check temperature per thermocouple.

Thermocouple cold junction compensation is automatic.

Up to 12 check temperatures may be specified, covering several thermocouple types.

Typical NICAL specification, for use in the Iron foundry:-

0, 600, 1130 & 1230°C
or 50, 1100, 2070 & 2250°F for NiCr/NiAl Type 'K' thermocouple
& 0, 700, 1250 & 1500°C
or 50, 1300, 2300 & 2750°F for Pt10%Rh/Pt Type 'S' thermocouple

Accuracy $\pm 2^{\circ}\text{C}$ (4°F)

Ambient Temperature Range 0 to 45°C (32 to 113°F)

Power supply, 2 x PP3 batteries, in rear mounted battery drawers

Battery check indication

CE

Included

1. Type 'K' lead and compensated jack plug with crocodile/alligator clips.
2. Type 'B', 'R', or 'S' lead and jack plug with dipping assembly connector.
3. Type 'B', 'E', 'J', 'K', 'N', 'R', 'S', or 'T' lead and jack plug with crocodile/alligator clips.
4. Calibration Certificate traceable to U.K. National Standards.

SPECIFY:- Type 'B', 'E', 'J', 'K', 'N', 'R', 'S' or 'T' thermocouple, required temperatures, for each thermocouple and degrees Celsius, Fahrenheit or Kelvin.

Weight 1.3 Kg



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