HAND-HELD MID-RANGE FIELD CALIBRATOR

Switchable °F/°C

7-point NIST Certificate included

- **Calibrate thermocouples, RTD's, thermistors, bi-metals, switches and complete systems at real temperatures, anywhere calibrations are required**
- **Ramp rate adjust determines rate of time each temperature set point is tested**
- **Heating and cooling time of 10 minutes**

- **Built-in thermal switch test ensures switches are tripping at the proper temperatures**
- **Field interchangeable inserts**
- **Each insert accepts up to six probes with wide range of sizes from 5⁄16 to ½" in diameter**
- **Three different inserts available**
- **Direct PC interface via RS232 cable** (incl.)

System Requirements

- **MS DOS 3.0 / Microsoft Windows™ 3.1 or higher**
- **Hard drive with 5 Mb of free disk space**
- **VGA color monitor**
- **1 Floppy Drive: 1.2M or 1.44M**
- **1 RS-232 Port • 648K RAM**

SPECIFICATIONS

Range: 92 to 662°F (33 to 350°C)
Accuracy: ±0.9°F(±0.5°C)
Resolution: 0.1°F • **Depth of insert:** 4.875"
Stability: ±0.18°F below 572°F, ±0.36 above 572°F
Power: 90 to 130VAC, 50 / 60Hz and 180 to 260 VAC, 50 / 60Hz switchable • **Uniformity:** 0.72°F
Weight: 5 lbs. • **Size:** 6"W x 3.375"H x 7.25"D

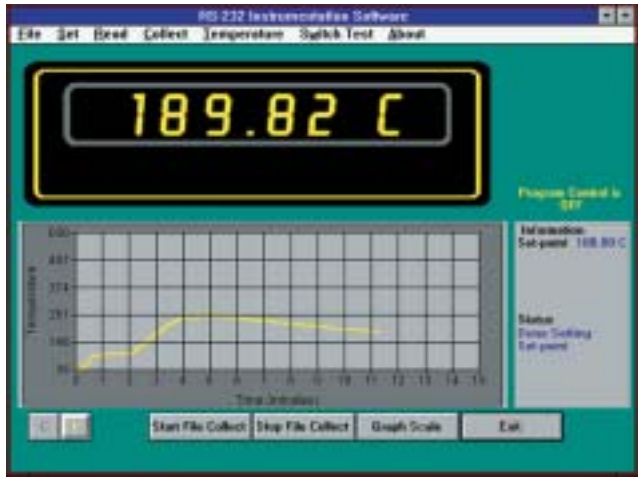
HOW TO ORDER

9140 -Add Code Drywall Calibrator. Includes one insert, software 3½ diskettes, RS232 Interface cable and 7 point NIST Certificate. Specify Insert Add code from right column of table below.....

9308 Carrying Case. Unbreakable, watertight.....

Model # for ordering separately	Insert Orifice Diameters		Add Code # for included insert
31402	5⁄16", ⅛", 3⁄16", ¼", 3⁄8", ½"		02
31403	2 each: 3⁄16", ¼", 3⁄8"		03
31404	6 each: ¼"		04

- **Aluminum block is fan cooled allowing easy movement even when block is hot**
- **Included software features:**
  - √ Set-point controls
  - √ Set ramp and soak test parameters from a window and save the settings to a file for repeated use
  - √ View the temperature displayed on a computer screen strip chart in real time
  - √ Change the strip chart scale to check stability or zoom out to see changing trends
  - √ Set the ramp to maximum speed or select your own speed
  - √ Collect data points to a file, display on screen or print
  - √ Control and collect data from a thermal switch test
  - √ Set and store communication settings
  - √ Adjust the set-point approach control to minimize overshoot
  - √ Change the dry-well's calibration parameters after self-calibration



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