SPECIFICATIONS

Display:	LCD, 1/2" digits
Meter Range:	–328 to 1472°F (–200 to 800°C)
Probe Range:	–58 to 752°F (–50 to 400°C)
Accuracy:	±(0.1% + 0.2°) below 200° and ±(0.15% + 0.5°)
Power:	9V battery
Size:	7 x 3 x 1¼ inches
Accessories Supplied:	Platinum probe, battery, Traceable Certificate and instructions

Fig 1.
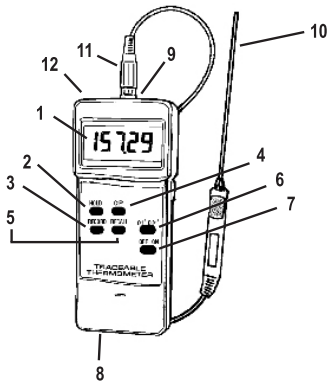
DESCRIPTION:

1 Display
2 HOLD Button
3 Record Button
4 °C/°F Switch
5 Recall Button
6 0.1°/0.01° Button
7 Power Switch
8 Battery Cover
9 Input Socket
10 PT 100 ohm Temperature Probe
11 Probe Plug
12 Computer output terminal

OPERATION

1. Turn on the unit by sliding the power switch (7, Fig. 1) to the "ON" position.
2. Press the °F/°C Button to select the desired temperature unit (4, Fig. 1).
3. Select the desired resolution by pressing the 0.1°/0.01° Button (6, Fig. 1).
4. Connect the Probe Plug (11, Fig.1) to the input Socket (9, Fig. 1). The display will show the temperature from the tip of the probe.
5. Press the HOLD button (2, Fig. 1) once to "freeze" the display at the current temperature reading. "HOLD" appears on the upper portion of the display indicating that the unit is in hold mode. Press the HOLD button again to release the reading.
6. The data record function captures the maximum and minimum readings. To begin, press the RECORD button (3, Fig. 1) once. "RECORD" appears in the upper portion of the display.
7. While in record mode, press the RECALL button (5, Fig. 1) once. "MAX" appears on the display indicating the temperature shown is the maximum value recorded.
8. Press the RECALL button a second time, and "MIN" appears on the display, indicating that this is minimum value recorded.
9. To exit the record mode, press the RECORD button once again. The display will show the current reading

PC SERIAL INTERFACE

This unit features computer output. A COMPUTER OUTPUT SOCKET (12, Fig. 1) is located on the top of the unit. To utilize this feature, connect the unit to a PC with the Data Acquisition Accessory (see "ACCESSORIES" section).

Data is displayed in a 16-digit stream: D15 through D0. Each digit indicates the following:

D0	end word
D1 to D8	Display Reading: D1=LSD, D8=MSD
D9	Decimal Point (DP): 0=no DP, 1= 1 DP, 2= 2 DP, 3 = 3DP
D10	Reading Polarity for the display: 0 = "+", 1 = "-"
D11/D12	Annunciator for Display: 01=°C, 02=°F
D13	1
D14	4
D15	start word

ALL OPERATIONAL DIFFICULTIES

If this thermometer does not function properly for any reason, please properly replace the battery with a new 9V battery (see Battery section, below). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

BATTERY REPLACEMENT

When [+ −] appears on the display, erratic readings appear, there is a faint display or no display–these are all indicators that the battery is low and needs to be replaced. To replace the battery, remove the battery cover located on the back of the unit (8, Fig. 1) by using a coin to slide the cover away from the unit. Insert a new 9V battery (alkaline). Incorrectly installed batteries may damage electronics. Replace the battery cover.

ACCESSORIES
Cat. No. 4138 Easy-Use Accessory Adaptor 115 VAC

Cat. No. 4136 Data Acquisition System Accessory
Powerful and easy to use computer data capture/data logging program works with Traceable® Instruments with computer output. Records interval readings from 1 to 10,000 seconds; displays minimum/maximum readings; and utilizes an alarm mode that permits the user to be notified visually, audibly, and by email when an alarm is triggered. Data is stored to a file that can be printed in any report or spreadsheet format. Networking server/client capability allows the captured data to be monitored on a remote workstation and/or by email. It is designed to work with Windows® 98/Me/NT/2000/XP/Vista. Includes a CD, a 6-foot cable (supplied USB and serial connections) that plugs into the instrument and computer. Accessory extension cables expand cable length to 300 feet.

Cat. No. 4326 Accessory Adaptor 115 VAC for Data Logger

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RTD PLATINUM
THERMOMETER
INSTRUCTIONS