TRACEABLE® EXPANDED-RANGE THERMOMETER INSTRUCTIONS

SPECIFICATIONS:
Display: ¾” high 4 digit LCD
Range: –40 to 2000°F (Fahrenheit Model)
-40 to 1200°C (Celsius Model)

Accuracy Chart:

<table>
<thead>
<tr>
<th>Fahrenheit Model</th>
<th>Celsius Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>Accuracy ±</td>
</tr>
<tr>
<td>32 to 932 °F</td>
<td>1% ± 2 °F</td>
</tr>
<tr>
<td>932 to 1382 °F</td>
<td>0.5% ± 2 °F</td>
</tr>
<tr>
<td>1382 to 1832 °F</td>
<td>0.2% ± 2 °F</td>
</tr>
<tr>
<td>1832 to 2000 °F</td>
<td>0.1% ± 2 °F</td>
</tr>
<tr>
<td>–40 to 40 °F</td>
<td>1 °F</td>
</tr>
<tr>
<td>–31 to –4 °F</td>
<td>0.1 °F</td>
</tr>
<tr>
<td>–24 to –2 °F</td>
<td>0.01 °F</td>
</tr>
</tbody>
</table>

Resolution: 1°
Update Rate: Less than 1 second
Probes: Ultra-fast response, naked bead type K thermocouple
Case: ABS plastic
Fail safe: Low battery indicator
Power: 9 volt alkaline battery

ACCESSORIES
Control Cat. No. 4014–
Stainless Steel Triple Purpose Probe, probe diameter ¼” (0.32 cm), probe length 6” (15.2 cm), overall length 9” (22.9 cm), cable length 50” (127 cm).

Control Cat. No. 4008–
Surface Probe, flat disk on end has diameter of 0.39” (1 cm), overall length 9” (23 cm), cable length 36” (91.4 cm).

Control Cat. No. 4028–
Ultra-fast response, naked bead thermocouple, (identical to probe supplied with unit) cable length 48” (122 cm).

ALL OPERATIONAL DIFFICULTIES
If this thermometer does not function properly for any reason, please replace the battery with a new high quality battery (see “Battery Replacement section). Low battery power can occasionally cause any number of “apparent” operational difficulties. replacing the battery with a new fresh battery will solve difficulties

BATTERY REPLACEMENT
LO BAT appearing on the display indicates that the battery should be replaced. To replace the battery, slide the battery cover, located on the back of the unit, in the directions of the arrow (away from the instrument). Remove the exhausted battery and replace it with a new 9 volt alkaline battery. Replace the battery cover.

PROBE
The probes supplied are ultra-fast response, naked bead type K thermocouples. Operating temperature range for this thermocouple is the 482°F (250°C), and short term usage to 572°F (300°C). Accessory probes are available for measuring temperatures throughout the entire range of this unit. (See Accessories)

Longer leads and extensions may be used. The lead effect for 164 feet (50 meters) is generally less than 0.2°C with a limit of error of 2.2°C. Type K wire and type K connectors must be used.

OPERATION
Insert the sensor plug into the socket (T1 or T2). The plug and socket are keyed with a small and large pin. Make certain the plug is inserted correctly, do not insert the plug incorrectly and force it.

Slide the OFF/T1/T2 switch to T1 to display the temperature of T1, or to T2 to display the temperature of T2. If there is no probe (an open condition) the display will indicate 11 on the left side.

Place the probe tip in contact with the material to be measured and read the temperature on the display.

Slide the OFF/T1/T2 switch to OFF to turn the unit off. To conserve battery life, always turn the unit off when not in use.

WARRANTY, SERVICE, OR RECALIBRATION
For warranty, service, or recalibration, contact:

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