ATC Probe

850082

Instruction Manual

SPER
SCIENTIFIC LTD.
I. INTRODUCTION

When used in combination with a PH Probe (e.g. 840016), this ATC Probe is capable of obtaining the most accurate PH and temperature readings possible. With the plug-and-play feature of this probe, calibration procedures are not required. The meter features Hold, Max./Min, RS232 and Auto Shut Off.

II. PANEL DESCRIPTION

1. LCD Display  6. B & Left (PH / mV) Button  11. Probe Lock
3. REC. Button  8. D (TEMP.C) Button  13. Probe Head
5. A & Up (°C/°F) Button  10. pH BNC Input Socket

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III. MEASUREMENT PROCEDURES

• Plug probe into the PROBE INPUT SOCKET.
• Make sure the PROBE LOCK is in the lock position.
• Turn on the instrument by pressing the POWER button.
• Immerse the PROBE HEAD into the solution to be measured.
• Press the A (°C/°F) button to select Centigrade or Fahrenheit. The temperature is shown on the lower display.

Refer to the Water Quality Meter 850081 Instruction Manual for complete instructions about Hold, Max./Min, RS232, Auto Shut Off, and other functions.

IV. SPECIFICATIONS

<table>
<thead>
<tr>
<th>Unit of Measure</th>
<th>Probe Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>°C</td>
<td>0 ~ 65</td>
<td>0.1</td>
<td>± 0.8</td>
</tr>
<tr>
<td>°F</td>
<td>32 ~ 149</td>
<td></td>
<td>± 1.5</td>
</tr>
<tr>
<td>pH (w/opt. probe)</td>
<td>0 ~ 14</td>
<td>0.01</td>
<td>±(0.02PH + 2d)</td>
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</tbody>
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Operating Temperature (meter) 0°C to 50°C (32°F to 122°F).
Operating Humidity Max. 80% RH.
Sensor Type Precision thermister.
Probe Size
  Head Diameter: 0.15" (3.9mm).
  Head Length: 4.2" (106mm).
  Handle Diameter: 0.4" (11mm).
  Handle Length: 2.4" (60mm).

Refer to the Water Quality Meter 850081 Instruction Manual for meter specifications.
ONE YEAR WARRANTY

Sper Scientific warrants this product against defects in materials and workmanship for a period of one year from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover damage resulting from accident, misuse, or abuse of the product. In order to obtain warranty service, simply ship the unit postage prepaid to:

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