Handheld Little Dipper Fluorometer

The Handheld Little Dipper is a small, lightweight, highly durable handheld fluorometer ideal for quick measurements in the field. Two versions are available for cooling tower and boiler system applications. Simple to operate, the Handheld Little Dipper is a perfect tool for system verification.

Applications

- Industrial Water Process Control
  - Cooling Towers
  - Boilers
  - Others

Handheld Little Dipper Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Range</td>
<td>0-199 ppb typical for fluorescein</td>
</tr>
<tr>
<td></td>
<td>0-199 ppb typical for PTSA</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>1 ppb typical for fluorescein and PTSA</td>
</tr>
<tr>
<td>Temperature</td>
<td>41° - 104°F (5° - 40°C)</td>
</tr>
<tr>
<td>Case</td>
<td>IP 67 standard; dustproof/waterproof</td>
</tr>
<tr>
<td>Power</td>
<td>2 AA batteries</td>
</tr>
<tr>
<td>Light Source</td>
<td>LED</td>
</tr>
<tr>
<td>Detector</td>
<td>Photodiode</td>
</tr>
<tr>
<td>Weight</td>
<td>4.3 oz; 120 g</td>
</tr>
<tr>
<td>Size</td>
<td>8.9” x 2” x 1.75”; 22.6 cm x 5.1 cm x 4.5 cm</td>
</tr>
</tbody>
</table>

Features & Benefits

- Dustproof, watertight, highly durable
- Small size easily fits in shirt or jacket pocket
- >10,000 measurements per AA battery set
- Single-point (100 ppb) calibration
- 10 bit resolution
- Low maintenance field fluorometer

Introduction to Turner Designs

Turner Designs has more than 20,000 industrial fluorometers installed around the world. Manufacturing instruments since 1972, we set the standard for on-line, field, submersible, handheld and laboratory fluorometers. We specialize in providing sensitive, reliable, easy-to-use fluorometers for industrial and environmental applications. Our employees take pride in providing quality instruments and responsive technical service.

Contact Us

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Ordering Information

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handheld Little Dipper with PTSA Channel</td>
<td>2850-000-A</td>
</tr>
<tr>
<td>Handheld Little Dipper with Fluorescein Channel</td>
<td>2850-000-F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTSA Dye 100ppb Calibration Standard</td>
<td>10-608</td>
</tr>
<tr>
<td>Fluorescein Dye 100 ppb Calibration Standard</td>
<td>10-506</td>
</tr>
</tbody>
</table>

Linear Range:

- 0-199 ppb typical for fluorescein
- 0-199 ppb typical for PTSA

Sensitivity:

- 1 ppb typical for fluorescein and PTSA

Temperature:

- 41° - 104°F (5° - 40°C)

Case:

- IP 67 standard; dustproof/waterproof

Power:

- 2 AA batteries

Light Source:

- LED

Detector:

- Photodiode

Weight:

- 4.3 oz; 120 g

Size:

- 8.9” x 2” x 1.75”; 22.6 cm x 5.1 cm x 4.5 cm

Reliable Instruments for an Unreliable World