SD Card, real time data logger, Water quality, Patent

pH/ORP, DO, CD/TDS, Salt

Model: WA-2017SD

ISO-9001, CE, IEC1010

LUTRON ELECTRONIC

The Art of Measurement
**FEATURES**

- **pH meter for multi purpose operation:**
  - pH/ORP, DO, Conductivity, TDS, Salt meter.

- **Multi purpose operation:**
  - ± 1.5 \( \mu \text{s} \) probe and Auto power OFF management.

**Industrial Grade Oxygen Meter:**

- Accuracy: 200 \( \mu \text{s} \) 1,320 to 13,200 PPM.

- Compensation factor variable between 0 to 5.0% per C.

- Measuring Range: 0 to 50 % Salt.

- 0.1 \( \mu \text{s} \) ± 0.8 Solution.

- LCD with green backlight, easy reading.

- Automatic from 0 to 60 \( \circ \text{C} \) (32 - 140), with temperature compensation.

- Sampling time can set to 1 second, automatic.

- Manual datalogger is available (set the different position, location No. in measurement).

- Manual mode, can also select the compensation value adjustment.

**Specifications**

<table>
<thead>
<tr>
<th>Function</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probe type</td>
<td>M16X1, M20X1, M24X1, ( \frac{1}{2} ) ( \text{inch} ), ( \frac{3}{4} ) ( \text{inch} )</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-10 to 120 ( \circ \text{C} )</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± (2% F.S.+1d)</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1 ( \mu \text{s} ) 1,320 to 13,200 PPM</td>
</tr>
<tr>
<td>Power supply</td>
<td>DC 9V adapter ( AC/DC power adapter is optional ).</td>
</tr>
<tr>
<td>Dimensions (W x D x H</td>
<td>177 x 68 x 45 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>325 g ( 700 g with power supply )</td>
</tr>
</tbody>
</table>

**General Specifications**

- **Display:**
  - LCD with green backlight.

- **Measurement Range:**
  - 0 to 12 % salt ( % weight ).

- **Probe:**
  - Carbon rod electrode for long life.

- **Wide applications:**
  - Water conditioning, aquariums, chemical, fish hatcheries, food processing, laboratories, paper industry, plating industry, quality control, school & colleges, water conditioning.

- **RS 232/USB PC computer interface.**

- **Sampling time can set to 1 second, automatically.**

- **Manual datalogger is available (set the different position, location No. in measurement).**

- **Manual mode, can also select the compensation value adjustment.**

- **Connect the optional RS232 cable.**

**Electrical Specifications**

- **Power supply:**
  - DC 9V adapter ( AC/DC power adapter is optional )

- **Dimensions (W x D x H):**
  - 177 x 68 x 45 mm

- **Weight:**
  - 325 g ( 700 g with power supply )

- **Accessories:**
  - Connecting cables, power plug, manual, warranty card, rechargeable batteries, warranty card.

**Operating Temperature:**

- -10 to 50 \( \circ \text{C} \)

**Humidity:**

- 0 to 95% RH non-condensing

**Packaging:**

- Plastic box

**Certification:**

- CE, RoHS

**Global Approvals:**

- JAPAN: 3151214

**Country:**

- USA: Pending

**Country:**

- X: 20-0816-01A

**Contact:**

- Custom one-chip of microprocessor LSI

**Model:**

- WA-2017SD

**Specifications:**

- **Electrical specifications:**
  - **Power supply:** DC 9V adapter ( AC/DC power adapter is optional ).

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