About HM Digital

Since 1987, HM Digital has been your premier source for the finest quality water testing instrumentation supplier. From our facilities in Seoul, Los Angeles, China and India, we have the capability to ship anywhere in the world and service the entire globe. Our handheld meters, in-line monitors, controllers, sensors and calibration solutions are used in a myriad of applications. They are superior in quality, features and performance, yet made available at the very economical cost.

HM Digital takes pride not only in quality of our products, but also in our commitment to customer service and the shortest lead times in the industry.

With HM Digital Instruments, you can find the right solution for your application.

WHY HM DIGITAL?

Market leader
With 30 years of expertise in the field of instrumentation industry, HM Digital has been the most popular instrumentation company globally. Our renowned TDS-3 has been the first choice of TDS meter for decades and many more to come.

Cost Effective Instruments
HM Digital's goal is to provide the maximum testing experience to our customers at a very economical pricing. The cost effectiveness of HM Digital meters is unmatched in the industry.

Customer Service
Customer service is one of HM Digital's fortes. Our dedicated staff will listen to our customers and provide the optimal solution to the problems. We maintain the warranty service to all of our products and prioritize in customer's need.

APPLICATIONS

- Pools / Spas
- Filter Performance (RO, DI systems)
- Hydroponics
- Commercial / Industrial
- Hardness (and water softeners)
- Colloidal Silver Water
- Beverage / Coffee
- Aquariums / Aquaculture
- Health Care
- Car Wash
- Food Service
- Window Cleaning
**BTR-1000 Coffee**  
See page 6

The BTR-1000 Coffee is one of popular HM Digital’s Smart Digital Refractometer with Bluetooth technology. Offers measurement in Brix and TDS in two decimal points.

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**SB-2000PRO**  
See page 4

SB-2000PRO is ergonomically designed to provide best measuring experience. Its Auto-ON feature provides an easy measuring experience. SB-2000PRO is very popular among restaurant owners and consumers.

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**COM-300**  
See page 9

The COM-300 is a professional grade level pH/EC/TDS/Temp meter ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.

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**HM-200**  
See page 12

The HM-200 is a versatile portable pH/EC/TDS-/Temp monitor ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.

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**PH-80**  
See page 8

The PH-80 has proven to be the MOST reliable pH meter in its price range. Its application extends from hydroponics to horticulture, pools & spas, aquariums & reef tanks, water ionizers, drinking water and more.
Salinity (salt) Meters

**SB-1500PRO**
Perfect salinity meter suitable for industrial, commercial and residential purposes. Capable of displaying salinity in % and mg of sodium in 100ml of water.

- Water resistant & powered by common two AA batteries
- Removable/Replaceable sensor
- Spoon-shaped sensor

**SB-500**
SB-500 is a fun and simple salinity meter that has an unique power-on mechanism is the first in the field. A gentle tap to the main body will switch ON and OFF.

- Water resistant cap with an O-ring for meter's protection in various environment.
- SB-500 is equipped with tap detecting sensor. Turn the meter ON/OFF with light “tap” allowing easy measuring experience and simple design.

**SB-2000PRO**
The product that made HMDigital a household name. SB-2000PRO offers accurate measurement with all new simple ergonomic design.

- SB-2000PRO has an compact sensor. Easy to use and wash. Durable for many uses.
- It is powered by easy to replace batteries.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>SB-1500PRO</th>
<th>SB-500</th>
<th>SB-2000PRO</th>
</tr>
</thead>
<tbody>
<tr>
<td>RANGE</td>
<td>0.01%~100.0% (1% = 10ppt = 10,000ppm in 0.5 factor)</td>
<td>0.01~5.0%</td>
<td>0.01~10.0%</td>
</tr>
<tr>
<td>TEMP. RANGE</td>
<td>1 - 99°C / 33 - 210°F (ATC Range)</td>
<td>1 - 99°C / 33 - 210°F (ATC Range)</td>
<td>1 - 99°C / 33 - 210°F (ATC Range)</td>
</tr>
<tr>
<td>ATC</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>ACCURACY</td>
<td>Temp: ±1°C / 33°F ± 0.1°C up to 2%; ± 0.2% up to 3%; ± 0.3% up to 4%; etc.</td>
<td>0.1% ± 0.0% ± 0.1%</td>
<td>± 0.1± 0.5%</td>
</tr>
<tr>
<td>RESOLUTION</td>
<td>0.1°C/F / 0.01% (0.01% - 3.0%), 0.1% (3.0% - 10.0%)</td>
<td>0.1%</td>
<td>0.1%</td>
</tr>
<tr>
<td>ELECTRODE</td>
<td>Platinum Sensor</td>
<td>Platinum Sensor</td>
<td>Platinum Sensor</td>
</tr>
<tr>
<td>CALIBRATION</td>
<td>Factory calibrated</td>
<td>Factory calibrated</td>
<td>Factory calibrated</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>2 x AAA batteries</td>
<td>1 x 3V button cell</td>
<td>2 x AAA batteries</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>21.4 x 34 x 3.4 cm (8 x 1 x 1 in)</td>
<td>16.8 x 3.2 x 1.8 cm (6.6 x 0.13 x 0.4 in)</td>
<td>17.1 x 2.5 x 2.45 cm (7 x 1 x 1 in)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>81 g / 2.9 oz (with batteries),</td>
<td>42 g / 1.5 oz (with batteries),</td>
<td>66 g / 2.3 oz (with batteries)</td>
</tr>
</tbody>
</table>
### Timers

<table>
<thead>
<tr>
<th>Model</th>
<th>TMR-2000</th>
<th>TMR-500</th>
<th>TM-3000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPECIFICATION</strong></td>
<td>TMR-2000</td>
<td>TMR-500</td>
<td>TM-3000</td>
</tr>
<tr>
<td><strong>RANGE</strong></td>
<td>00 min 00 sec ~ 99 min 59 sec</td>
<td>00 min 00 sec ~ 99 min 59 sec</td>
<td>-50 ~ 100 °C / -58 ~ 212 °F</td>
</tr>
<tr>
<td><strong>ACCURACY</strong></td>
<td>1 Second</td>
<td>1 Second</td>
<td>0.1 °C / 0.1 °F</td>
</tr>
<tr>
<td><strong>DISPLAY / LIGHT</strong></td>
<td>LCD / High density LED</td>
<td>LCD / -</td>
<td>LCD / -</td>
</tr>
<tr>
<td><strong>ALARM TYPE</strong></td>
<td>Beeping when reach preset time</td>
<td>Beeping when reach preset time</td>
<td>Beeps according to user’s setting</td>
</tr>
<tr>
<td><strong>FEATURES</strong></td>
<td>Mute functions</td>
<td>-</td>
<td>Programmable High / Low limits</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>88.8 x 63 x 1.9 cm / 3.5 x 2.5 x 0.8 in</td>
<td>90 x 70 x 2.0 cm / 3.6 x 2.8 x 0.8 in</td>
<td>90 x 70 x 2.0 cm / 3.6 x 2.8 x 0.8 in</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>2 x 1.5V AAA batteries</td>
<td>2 x 1.5V AAA batteries</td>
<td>2 x 1.5V AAA batteries</td>
</tr>
</tbody>
</table>

### Thermometers

<table>
<thead>
<tr>
<th>Model</th>
<th>TM-500</th>
<th>TM-1000</th>
<th>TM-4000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPECIFICATION</strong></td>
<td>TM-500</td>
<td>TM-1000</td>
<td>TM-4000</td>
</tr>
<tr>
<td><strong>RANGE</strong></td>
<td>-50 ~ 250 °C / -58 ~ 482 °F</td>
<td>-50 ~ 250 °C / -58 ~ 482 °F</td>
<td>-50 ~ 300 °C / -58 ~ 572 °F</td>
</tr>
<tr>
<td><strong>RESOLUTION</strong></td>
<td>0.1 °C / 0.1 °F</td>
<td>0.1 °C / 0.1 °F</td>
<td>0.1 °C / 0.1 °F</td>
</tr>
<tr>
<td><strong>ACCURACY</strong></td>
<td>-25.9 ~ 199.9 °C (± 0.5 °C)</td>
<td>-25.9 ~ 199.9 °C (± 0.5 °C)</td>
<td>-25.9 ~ 199.9 °C (± 0.5 °C)</td>
</tr>
<tr>
<td></td>
<td>-50.0 ~ 30.0 °C (± 1 °C)</td>
<td>-50.0 ~ 30.0 °C (± 1 °C)</td>
<td>-50.0 ~ 30.0 °C (± 1 °C)</td>
</tr>
<tr>
<td></td>
<td>200.0 ~ 250.0 °C (± 3 °C)</td>
<td>200.0 ~ 250.0 °C (± 3 °C)</td>
<td>200.0 ~ 250.0 °C (± 3 °C)</td>
</tr>
<tr>
<td><strong>FEATURES</strong></td>
<td>Auto-Off after 30min</td>
<td>Auto-Off after 30min</td>
<td>Auto-Off after 30min</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>Retractable sensor</td>
<td>Extra long sensor / Additional housing</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>1 x 1.5V (357A Button Cell)</td>
<td>1 x 1.5V (357A Button Cell)</td>
<td>2 x AAA batteries</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>195.5 x 2.0 x 1.0 cm / 7.7 x 0.8 x 0.8 in</td>
<td>128.0 x 3.6 x 1.6 cm / 5.0 x 1.4 x 0.6 in</td>
<td>370.0 x 4.5 x 2.4 cm / 14.6 x 1.8 x 1.0 in</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>46 g / 1.6 oz (with batteries),</td>
<td>52 g / 1.8 oz (with batteries),</td>
<td>96 g / 3.4 oz (with batteries),</td>
</tr>
</tbody>
</table>
Digital Refractometers

BLUETOOTH COMMUNICATION (BTR ONLY)

OPTICAL GLASS PRISM

PROTECTIVE / DETACHABLE SLEEVE

ACCURATE OPTICAL TESTING

EASY TO READ LARGE SCREEN

BACKLIGHT FUNCTION

WATER RESISTANT HOUSING

READING UNDER 5 SECONDS

---

**SPECIFICATION**

**BTR-1000 (Brix) / SCM-1000**

- **UNIT / RANGE**
  - Brix: 0.0~55.0%
  - Temp: 1~80°C / 33~176°F

- **SENSOR**
  - Optical glass prism

- **ATC**
  - Yes (10~60°C)

- **RESOLUTION**
  - Brix: 0.1%
  - Temp: 0.1°C/F

- **ACCURACY**
  - Brix: ±0.2%
  - Temp: ±1.0°C

- **CALIBRATION**
  - Digital (with distilled water)

- **DIMENSIONS**
  - 58 x 36 x 122 mm
  - (2.3 x 1.4 x 4.8 in)

- **HOUSING**
  - Water Resistant

- **POWER SOURCE**
  - 1.5V x 2 (AAA Alkaline)

- **WEIGHT**
  - 149 gram / 5.26 oz (Including Batteries/Cover)

**BTR-1000 (Wine) / RWM-1000**

- **UNIT / RANGE**
  - Brix: 0.0~55.0%
  - KMV: 0.0~46.4° / Be: 0.0~29.8° / Bab: 0.0~46.4°
  - Ω: 3~256 / TAVP: 0.0~37.9%
  - Temp: 0~70°C (32~158°F)

- **SENSOR**
  - Optical glass prism

- **ATC**
  - Yes (10~60°C)

- **RESOLUTION**
  - 0.1 (1.0 for Ω) / Temp: 0.1°C/F

- **ACCURACY**
  - Brix: ±0.2%
  - Temp: ±1.0°C

- **CALIBRATION**
  - Digital (with distilled water)

- **DIMENSIONS**
  - 58 x 36 x 122 mm
  - (2.3 x 1.4 x 4.8 in)

- **HOUSING**
  - Water Resistant

- **POWER SOURCE**
  - 1.5V x 2 (AAA Alkaline)

- **WEIGHT**
  - 149 gram / 5.26 oz (Including Batteries/Cover)
**Digital Refractometers**

**REFRACTOMETERS**

**SCM-1000**

- Easy and simple to use.
- Takes the fruit solution for juice or sap.
- Add 3–4 drops of solution to the prism.
- Press the Start key.
- Measurement is completed within 5 seconds.

**RVVM-1000**

- Six available scales.
- With Brix (%), KMW, Be, Babo, Oe, TAVP.
- RWM-1000 (wine refractometer) features six different units for measurement. Suitable for wine fermentation process/brewing.

**BLUETOOTH REFRACTOMETERS**

**BTR-1000 (Brix)**

- Salinity: 0.0%–28.0%.
- Temp: 0–70°C / 32–158°F.
- Optical glass prism: Yes (10–60°C).
- Saltiness: 0.1% / Temp: 0.1°C / °F.
- Salinity: ±0.1% / Temp: ±1.0°C.
- Digital (with distilled water): Digital (with distilled water).
- Water Resistant: Water Resistant.
- 1.5V x 2 (AAA Alkaline).
- 149 gram / 5.26 oz (including batteries/case).

**BTR-1000 (Salinity)**

- Salinity: 0.0%–28.0%.
- Temp: 0–70°C / 32–158°F.
- Optical glass prism: Yes (10–60°C).
- Saltiness: 0.1% / Temp: 0.1°C / °F.
- Salinity: ±0.1% / Temp: ±1.0°C.
- Digital (with distilled water): Digital (with distilled water).
- Water Resistant: Water Resistant.
- 1.5V x 2 (AAA Alkaline).
- 149 gram / 5.26 oz (including batteries/case).

**BTR-1000 (Beer)**

- Brix: 0.0%–26.0%.
- TDS: 0.0%–23.0%.
- Temp: 0–70°C / 32–158°F.
- Optical glass prism: Yes.
- Brix: ±0.2% / Temp: ±1.0°C / °F.
- Digital (with distilled water): Digital (with distilled water).
- Water Resistant: Water Resistant.
- 1.5V x 2 (AAA Alkaline).
- 149 gram / 5.26 oz (including batteries/case).

**BTR-1000 (Coffee)**

- Brix: 0.0%–30.0%.
- Plato: 0.0%–30.0°F.
- Temp: 0–70°C / 32–158°F.
- Optical glass prism: Yes.
- Brix: ±0.2% / Plato ± 0.2% / SG: ±0.002 / Temp: ±1.0°C / °F.
- Digital (with distilled water): Digital (with distilled water).
- Water Resistant: Water Resistant.
- 1.5V x 2 (AAA Alkaline).
- 149 gram / 5.26 oz (including batteries/case).

1)° SG stand for specific gravity.
### TDS / PH Handheld Meters

**WORLD’S MOST RELIABLE AND ECONOMICAL EC / TDS / PH METERS!**

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>ZT-2</th>
<th>TDS-EZ</th>
<th>TDS-3</th>
<th>EC-3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RANGE</strong></td>
<td>0-999 ppm (mg/L)</td>
<td>0-9990 ppm (mg/L)</td>
<td>0-9990 ppm (mg/L)</td>
<td>0-9990 μS/μS/cm</td>
</tr>
<tr>
<td><strong>TEMP RANGE</strong></td>
<td>n/a</td>
<td>n/a</td>
<td>1-80°C / 33-176°F</td>
<td>1-80°C / 33-176°F</td>
</tr>
<tr>
<td><strong>ATC</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>ACCURACY</strong></td>
<td>± 3%</td>
<td>± 3%</td>
<td>± 2%</td>
<td>± 2%</td>
</tr>
<tr>
<td><strong>RESOLUTION</strong></td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>1 ppm; 1μS</td>
<td>1 ppm; 1μS</td>
</tr>
<tr>
<td><strong>CALIBRATION</strong></td>
<td>Analog to any point</td>
<td>Analog to any point</td>
<td>Analog to any point</td>
<td>Analog to any point</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>2 x 1.5V button cell</td>
<td>2 x 1.5V button cell</td>
<td>2 x 1.5V button cell</td>
<td>2 x 1.5V button cell</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td>14 x 2.3 x 1.5cm (5.5 x 0.9 x 0.6 in)</td>
<td>15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1.0 in)</td>
<td>15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1.0 in)</td>
<td>15.5 x 3.1 x 2.3 cm (6.1 x 1.25 x 1.0 in)</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>31.2 g (1.1 oz)</td>
<td>56.7 g (2 oz)</td>
<td>76.5 g (2.7 oz) (with case)</td>
<td>76.5 g (2.7 oz) (with case)</td>
</tr>
</tbody>
</table>
## TDS / PH Handheld Meters

<table>
<thead>
<tr>
<th>Meter</th>
<th>Description</th>
<th>Range</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDS-4</td>
<td>TDS/TEMP</td>
<td>0-9990 ppm (mg/L)</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
<tr>
<td>TDS-4TM</td>
<td>TDS/TEMP</td>
<td>0-9990 ppm (mg/L)</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
<tr>
<td>AP-1</td>
<td>TDS/TEMP</td>
<td>0-5000 ppm (mg/L)</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
<tr>
<td>AP-2</td>
<td>EC/TEMP</td>
<td>0-9999 μS/cm</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
<tr>
<td>COM-80</td>
<td>TDS/EC/TEMP</td>
<td>0.99999999 S/mS; 0-5000/5.0 ppm/ppt</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
<tr>
<td>PH-80</td>
<td>pH/TEMP</td>
<td>0.0 - 14.0 pH</td>
<td>1-80°C/33-176°F</td>
<td>Yes</td>
</tr>
</tbody>
</table>
# Pro Series Handheld Meters

**COM-300**

- **New!**
- PRO series meters are designed to be robust and durable.
- Water resistant & powered by common two AA batteries.
- Removable/Replaceable sensor.
- Easy to calibrate.

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>COM-300 (EC/TDS/pH/Temp)</th>
<th>COM-100 (EC/TDS/Temp)</th>
<th>PH-200 (EC/Temp)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range</strong></td>
<td>pH: 0.0-14.0 pH</td>
<td>EC: 0 - 9990 μS; 0 - 9.99 mS</td>
<td>pH: 0.0-14.0 pH</td>
</tr>
<tr>
<td></td>
<td>EC: 0 - 9990 μS; 0 - 9.99 mS</td>
<td>TDS: 0 - 8560 ppm (mg/L); 0.5 (NaCl) scale; 0.7 (442) scale; 0 - 5000 ppm (mg/L)</td>
<td></td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>0.1 - 50°C; 32 - 122°F (0.1 °C/°F)</td>
<td>0.1 - 55°C; 32 - 130°F (0.1 °C/°F)</td>
<td>0.1 - 55°C; 32 - 130°F (0.1 °C/°F)</td>
</tr>
<tr>
<td><strong>ATC</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>pH: ± 0.1 / EC/TDS: ± 2% / Temp: ± 1 °C/°F</td>
<td>± 2%</td>
<td>± 0.1 pH</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>pH: 0.1 pH</td>
<td>EC: 0 - 999.1 μS; 1000 - 9990; 10 μS</td>
<td>pH: 0.01 pH</td>
</tr>
<tr>
<td></td>
<td>EC: 0 - 999.1 μS; 1000 - 9990; 10 μS</td>
<td>0 - 9.99 mS; 0.01 mS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TDS: 0 - 9990 ppm(mg/L); 0-9990</td>
<td>TDS: 0 - 99.01 ppm; 100 - 9991 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 - 9992; 10 ppm; 0 - 8.56; 0.01 ppt</td>
<td></td>
</tr>
<tr>
<td><strong>Calibration</strong></td>
<td>pH: Auto / EC &amp; TDS: Digital to any point</td>
<td>Digital Calibration by push button</td>
<td>Auto-calibration</td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>2 x AAA batteries</td>
<td>2 x AAA batteries</td>
<td>2 x AAA batteries</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)</td>
<td>18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)</td>
<td>18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>124 g (4.4 oz) (with batteries)</td>
<td>127 g (4.5 oz) (with batteries)</td>
<td>127 g (4.5 oz) (with batteries)</td>
</tr>
</tbody>
</table>
**HydroMaster Series**

**HM-500**

**SPECIFICATION**

**HM-500**

**RANGE**

pH: 0.0 to 14.0 pH
EC: 0 to 9999 μS / 0 to 20 mS
TDS: 0 to 9999 ppm / 0 to 10 ppt
Temp: 0 to 55°C / 32 to 130°F

**ACCURACY**

pH: ± 0.1 pH
EC: ± 2%
TDS: ± 2%
Temp: ± 1°C

**RESOLUTION**

pH: ± 0.1 pH
EC: 0.1 μS (0 to 99.9 μS)
1 μS (100 to 999.9 μS)
10 μS (1000 to 9990 μS)
0.1 mS (0.01 to 20.0 mS)
TDS: 0.1 ppm (0 to 99.9 ppm)
1 ppm (100 to 999 ppm)
10 ppm (1000 to 9990 ppm)
0.01 ppm (0.01 to 10.0 ppm)

**CALIBRATION**

Digital Calibration

**POWER SOURCE**

Rechargeable Li-ion Battery

**DIMENSIONS**

20 x 11 x 3.6 cm
(8 x 4 x 1.4 in)

**WEIGHT**

430 g (15.2 oz) for body

**FEATURES**

- Continuous pH/EC/TDS/Temp Monitor
- Rechargeable battery
- RF Resistant
- Portable/Wall Mount/Benchtop
- Data Storage: Up to 20 measurement readings
- Auto Shut-Off After 5 minutes
- Alarm: Adjustable High & Low Set Point and on/off
- Display: LCD Touch-Type Screen with Auto Back-lighting
- Probe: ABS with Platinum electrodes for EC / Single Junction pH Sensor

**HM-500 comes with a wall mount bracket.**
**Counter-top mode with included foldable stand.**
**Auto Backlit Screen, HM-500 will control screen brightness according to its environment.**
HydroMaster Series

HM-200

**SPECIFICATION**

**HM -200**

**RANGE**
- pH: 0.0~14.0pH
- EC: 0~9999 μS / 0~20mS
- TDS: 0~9999 ppm
- Temp: 0.0~55°C / 32~130°F

**ACCURACY**
- pH: ± 0.1pH
- EC: ± 2%
- TDS: ± 2%
- Temp: ±1°C

**RESOLUTION**
- pH: 0.1pH
- EC: 0.1μS (0~99.9μS)
  1μS (100~999μS)
  10μS (1000~9990μS)
  0.01mS (0.01~20.0mS)
- TDS: 0.1ppm (0~99.9ppm)
  1 ppm (100~999ppm)
  10 ppm (1000~9990ppm)

**CALIBRATION**
- Digital Calibration

**POWER SOURCE**
- 2 x AA Batteries

**DIMENSIONS**
- 14 x 6.6 x 2.8 cm
  (5.5 x 2.6 x 1.1 in)

**WEIGHT**
- 198 g (7 oz) for body

**FEATURES**
- Measures pH / EC / TDS / Temp
- Five scales: pH, μS, mS, ppm, 0.5 (% NaCl) Scale & 0.7 (442™) Scale
- Automatic Temperature Compensation (ATC)
- Digital Calibration (push button)
- Large and easy-to-read LCD Screen
- Displays 3 parameters (pH/EC or TDS/Temp) simultaneously.
- Replaceable Sensors
- Includes protective rubber boot, 2 (AA) alkaline batteries, pH 4 & 7 calibration solutions, pH 4 storage solution

* Lenth of sensor leads do not depict the actual length

Includes removable cover: Easy to protect, clean and grip.

HM-200 is ergonomically designed. Provides firm grip with great portability.

Equipped with a Backlit screen. Suitable & reliable in various environments.
EC/TDS testing for the commercial or industrial water treatment professional. This “mini” controller has an adjustable relay able to control a pump or valve.

Continuous and simultaneous monitoring and control for high output commercial systems.

* Controllers use stainless steel electrodes.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>PSC-50 / PSC-54</th>
<th>PSC-60D / PSC-64D</th>
<th>PSC-150</th>
<th>PSC-154</th>
</tr>
</thead>
<tbody>
<tr>
<td>RANGE</td>
<td>0.999 ppm (mg/L):0.0-10.0 ppt (g/L)</td>
<td>0.999 ppm (mg/L):0.0-10.0 ppt (g/L)</td>
<td>0.5000 ppm (mg/L):0.0-9999 μS</td>
<td>0.5000 ppm (mg/L):0.0-9999 μS</td>
</tr>
<tr>
<td>ACCURACY</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 2%</td>
</tr>
<tr>
<td>RESOLUTION</td>
<td>0.999 ppm (mg/L):0.0-10.0 ppt (g/L)</td>
<td>0.999 ppm (mg/L):0.0-10.0 ppt (g/L)</td>
<td>0.0001 ppm/μS</td>
<td>0.0001 ppm/μS</td>
</tr>
<tr>
<td>ATC</td>
<td>Yes (1-65°C/33-149°F)</td>
<td>Yes (1-65°C/33-149°F)</td>
<td>Yes (1-65°C/33-149°F)</td>
<td>Yes (1-65°C/33-149°F)</td>
</tr>
<tr>
<td>CALIBRATION</td>
<td>Digital to any point</td>
<td>Digital to any point</td>
<td>Digital to any point</td>
<td>Digital to any point</td>
</tr>
<tr>
<td>SET POINT</td>
<td>On-screen buttons</td>
<td>On-screen buttons</td>
<td>On-screen buttons</td>
<td>On-screen buttons</td>
</tr>
<tr>
<td>RELAY CONTROLS</td>
<td>Simple switch, user-defined set point</td>
<td>n/a</td>
<td>Simple switch, user-defined set point</td>
<td>Simple switch, user-defined set point</td>
</tr>
<tr>
<td>ALARM</td>
<td>Optional setting</td>
<td>Optional setting</td>
<td>Optional setting</td>
<td>Optional setting</td>
</tr>
<tr>
<td>DISPLAY</td>
<td>2.3” LCD display w/backlight</td>
<td>2.3” LCD display w/backlight</td>
<td>Bright, tri-color 5/8” LED display</td>
<td>Bright, tri-color 5/8” LED display</td>
</tr>
<tr>
<td>PROBES</td>
<td>1/2” NPT, 3 m (9.8 ft) cable</td>
<td>1/2” NPT, 3 m (9.8 ft) cable</td>
<td>1/2” NPT, 3 m (9.8 ft) cable</td>
<td>1/2” NPT, 3 m (9.8 ft) cable</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>9.6 x 4.8 x 10 cm (3.8 x 1.9 x 3.9 in)</td>
<td>9.6 x 4.8 x 10 cm (3.8 x 1.9 x 3.9 in)</td>
<td>7.2 x 7.2 x 11.1 cm (2.8 x 2.8 x 4.4 in)</td>
<td>7.2 x 7.2 x 11.1 cm (2.8 x 2.8 x 4.4 in)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>261 g (9.2 oz)</td>
<td>261 g (9.2 oz)</td>
<td>230 g (8.1 oz)</td>
<td>241 g (8.5 oz)</td>
</tr>
</tbody>
</table>
**Dosing Control Dual Display**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC-50 / PSC-54</td>
<td>ONE TDS/EC LINE, MINI CONTROLLER, SINGLE SCREEN &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - 4-20mA output signal (PSC-54 only) &lt;br&gt; - Temperature display mode &lt;br&gt; - Digital calibration &lt;br&gt; - Fully adjustable relay control is set by the user to automatically stop a pump or valve if the level is below the setting &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>PSC-60D / PSC-64D</td>
<td>TWO TDS/EC LINES, DUAL DISPLAY &lt;br&gt; - Dual line TDS/EC displays feed and product water (Two sensors) &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - 4-20mA output signal (PSC-64D Only) &lt;br&gt; - Digital calibration &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>PSC-150</td>
<td>ONE TDS/EC LINE, SINGLE SCREEN &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - On-screen temperature display &lt;br&gt; - Digital calibration &lt;br&gt; - The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>PSC-154</td>
<td>ONE TDS/EC LINES, SINGLE SCREEN &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - 4-20mA output signal &lt;br&gt; - On-screen temperature display &lt;br&gt; - Digital calibration &lt;br&gt; - The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>CIC-150-N / CIC-150-4</td>
<td>ONE TDS/EC LINE, SINGLE SCREEN SINGLE DOSING CONTROL &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - Two alarms (upper and lower) &lt;br&gt; - On-screen temperature display &lt;br&gt; - NaCl or EC conversion factor &lt;br&gt; - Upper limit and lower limit set points to control a pump or valve &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>CIC-152-N / CIC-152-4</td>
<td>ONE TDS/EC LINE, SINGLE SCREEN DUAL DOSING CONTROLS &lt;br&gt; - Extended range for TDS and EC &lt;br&gt; - Two sets points, two control ranges &lt;br&gt; - Upper and lower limit set points to control two devices, such as a pump and a solenoid valve &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>PS-202</td>
<td>TWO TDS LINES, DUALSCREEN &lt;br&gt; - Ideal for commercial RO systems &lt;br&gt; - Monitors and controls two lines simultaneously &lt;br&gt; - The fully adjustable relay control is set by the user to automatically stop a pump or valve if the TDS level rises above the setting &lt;br&gt; - Includes all parts at no extra cost</td>
</tr>
<tr>
<td>PPH-1000</td>
<td>ONE pH LINE, SINGLE SCREEN &lt;br&gt; - Ideal for controlling pH in commercial applications &lt;br&gt; - 4-20mA output signal &lt;br&gt; - Digital calibration &lt;br&gt; - On-screen temperature display &lt;br&gt; - Fully adjustable relay control with 2 set points (High and Low) &lt;br&gt; - Maintain desired range &lt;br&gt; - Includes 16&quot; sensor probe</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIC-150-N / CIC-150-4</td>
<td>TDS: 0-5000 ppm (mg/L), NaCl: 0-8500 ppm (mg/L), 442: 0-9999 µS &lt;br&gt; ± 2% full scale &lt;br&gt; 0-9999.9 ppm/µS &lt;br&gt; Yes (1 - 65°C / 33 - 149°F) &lt;br&gt; Digital to any point &lt;br&gt; Two (upper and lower limit) &lt;br&gt; Two independent alarms (max. and min) &lt;br&gt; Bright, 3-color 5/8&quot; LED display &lt;br&gt; 1/2&quot; threaded NPTF, 3 m (9.8 ft) cable &lt;br&gt; AC: 110V / 220V &lt;br&gt; 52.2 x 72.2 x 102.2 cm (20.6 x 28.2 x 40.6 in) &lt;br&gt; 436 g (15.4 oz)</td>
</tr>
<tr>
<td>CIC-152-N / CIC-152-4</td>
<td>TDS: 0-5000 ppm (mg/L), NaCl: 0-8500 ppm (mg/L), 442: 0-9999 µS &lt;br&gt; ± 2% full scale &lt;br&gt; 0-9999.9 ppm/µS &lt;br&gt; Yes (1 - 65°C / 33 - 149°F) &lt;br&gt; Digital to any point &lt;br&gt; Two (upper and lower limit) &lt;br&gt; Two independent alarms (max. and min) &lt;br&gt; Bright, 3-color 5/8&quot; LED display &lt;br&gt; 1/2&quot; threaded NPTF, 3 m (9.8 ft) cable &lt;br&gt; AC: 110V / 220V &lt;br&gt; 52.2 x 72.2 x 102.2 cm (20.6 x 28.2 x 40.6 in) &lt;br&gt; 436 g (15.4 oz)</td>
</tr>
<tr>
<td>PS-202</td>
<td>TDS: 0-9999 ppm (mg/L) &lt;br&gt; ± 0.5% FS. &lt;br&gt; Yes (1 - 65°C / 33 - 149°F) &lt;br&gt; Digital to any point &lt;br&gt; Two (upper and lower limit) &lt;br&gt; Two independent alarms (max. and min) &lt;br&gt; Bright, 3-color 5/8&quot; LED display &lt;br&gt; 2 x 1/2&quot; NPTF, 3 m (9.8 ft) cable &lt;br&gt; AC: 110V / 220V &lt;br&gt; 91.4 x 91.4 x 125.6 cm (3.7 x 3.7 x 4.9 in) &lt;br&gt; 569 g (1 lb 4.1 oz)</td>
</tr>
<tr>
<td>PPH-1000</td>
<td>pH: 0.01 - 14.00 pH &lt;br&gt; Yes (1 - 60°C / 33 - 149°F) &lt;br&gt; Digital to any point &lt;br&gt; Two (upper and lower limit) &lt;br&gt; Two independent alarms (max. and min) &lt;br&gt; Bright, 3-color 5/8&quot; LED display &lt;br&gt; 3/4&quot; Electrode, 3 m (9.8 ft) cable &lt;br&gt; AC: 110V / 220V &lt;br&gt; 72.2 x 72.2 x 111.1 cm (28.2 x 28.2 x 44.4 in) &lt;br&gt; 235 g (8.3 lbs)</td>
</tr>
</tbody>
</table>
Monitors provide people monitoring the purification process of their water an easy way to either get a quick display of water quality or to test actual water purity of feed water (input water) and product water (output water). Some of HM Digital's products offer you up to 3 test points of the purification. The different applications where monitoring is important include drinking water filtration using Reverse Osmosis (RO) or Deionized water (DI), purification of water before adding nutrients to a hydroponics solution or even for the Aquarium enthusiast.

**QC-1 Quick Check 1**
- With the push of a button, the unit displays a green or red light, indicating good water quality or that service is required, respectively.
- Tests for TDS or conductivity levels.
- Eight programmable set points (by dip switch).
- Bright LED lights.
- Simple to use.

**SM-1 Single TDS Monitor**
- Displays the TDS level of a single water line.
- Works with the push of a button.
- Auto-off function conserves battery power.
- Unit shut off automatically after 10 minutes of non-use.
- Comes equipped with 1/4" fittings (also available with 3/8" or 1/2")

**DM-1 Dual TDS Monitor**
- Displays TDS levels of the feed water and product water with In & Out sensors.
- A crucial device for any water filter system.
- Great instant check for system performance.
- Comes equipped with 1/4" fittings (also available with 3/8" or 1/2")
- Simple to use.

**SM-2 Dual TDS Monitor**
- All of the benefits of the DM-1 Plus:
  - A large, easy-to-read LCD display.
  - Splashproof housing.
  - Shielded, water-resistant cables.
  - Sliding bracket with variable mounting options.
  - Sleek design.
  - Longer sensor cables.
  - Digital calibration.
  - Optional 12VAC power adapter.

**TRM-1 Triple TDS Monitor**
- Three-line TDS monitor.
- Ideal for multi-system applications, such as RO/DI.
- Displays TDS levels at three points, with three sensors.
- Comes equipped with 1/4" fittings (also available with 3/8" or 1/2")
- Simple to use.

---

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>PM-1 PM-2</th>
<th>QC-1</th>
<th>SM-1</th>
<th>DM-1</th>
<th>DM-2 / DM-2 EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RANGE</td>
<td>TDS 0-200 ppm</td>
<td>TDS 0-5000 ppm</td>
<td>TDS 0-9990 ppm</td>
<td>TDS 0-9990 ppm</td>
<td>TDS 0-9990 ppm</td>
</tr>
<tr>
<td>ACCURACY</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 2%</td>
</tr>
<tr>
<td>RESOLUTION</td>
<td>n/a</td>
<td>n/a</td>
<td>0-999.1 ppm; 1000-9990.1 ppm</td>
<td>0-999.1 ppm; 1000-9990.1 ppm</td>
<td>0-999.1 ppm; 1000-9990.1 ppm</td>
</tr>
<tr>
<td>ATC</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>n/a</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
</tr>
<tr>
<td>CALIBRATION</td>
<td>Factory calibrated only</td>
<td>Factory calibrated only</td>
<td>Analog to any point</td>
<td>Analog to any point</td>
<td>Digital to any point</td>
</tr>
<tr>
<td>SET POINT</td>
<td>Set by dip switch</td>
<td>Eight options (max 50 ppm / 100 µS)</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>ALARM</td>
<td>Lights and audible alarm</td>
<td>Red/green light (no audible alarm)</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>SENSOR</td>
<td>1/4&quot; quick connect</td>
<td>1/4&quot; quick connect</td>
<td>1/4&quot; quick connect</td>
<td>2 x 1/4&quot; with quick connect</td>
<td>2 x 1/4&quot; quick connect</td>
</tr>
<tr>
<td>SENSOR CABLE LENGTH</td>
<td>62.86 cm (24.75 in) shielded cable</td>
<td>62.86 cm (24.75 in) shielded cable</td>
<td>62.86 cm (24.75 in) shielded cable</td>
<td>62.86 cm (24.75 in) shielded cable</td>
<td>62.86 cm (24.75 in) shielded cable</td>
</tr>
<tr>
<td>POWER SOURCE</td>
<td>AC 110V / 220V</td>
<td>4 x 1.5V button cell (LR44)</td>
<td>2 x 1.5V button cell (LR44)</td>
<td>2 x 1.5V button cell (LR44)</td>
<td>2 x AA batteries</td>
</tr>
<tr>
<td>BATTERY LIFE</td>
<td>n/a</td>
<td>Approx. 1 year</td>
<td>Approx. 1,000 hours of usage</td>
<td>Approx. 1,000 hours of usage</td>
<td>Approx. 750 hours of usage</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>9.1 x 7.1 x 4 cm (3.6 x 2.8 x 1.6 in)</td>
<td>7.6 x 2.4 x 4.7 cm (3 x 0.8 x 1.9 in)</td>
<td>7.6 x 2.4 x 4.7 cm (3 x 0.8 x 1.9 in)</td>
<td>7.6 x 2.4 x 4.7 cm (3 x 0.8 x 1.9 in)</td>
<td>11.6 x 6.8 x 1.8 cm (4.6 x 2.6 x 0.7 in)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>275 g (9.7 oz)</td>
<td>39.7 g (1.4 oz)</td>
<td>79.4 g (2.8 oz)</td>
<td>79.4 g (2.8 oz)</td>
<td>201.3 g (7.1 oz)</td>
</tr>
</tbody>
</table>
**Monitors**

**Sensors**
(More details on page 17)

- **T-fitting Applicable**
- **for QC-1 / SM-1 DM-1 / DM-2**
- **for LSM-100 LDM-100R**

**LSM-100 Large Display Monitor**
- Commercial TDS/EC monitor with large easy to read display
- 1/2” sensor probe makes it ideal for large scale systems
- Reads ppm, p.p.m., µS and mS
- Extended battery life for continuous monitoring
- Includes sensor probe and batteries

**FM-2 Filter Monitor**
- 5-stage filter monitor with 5 independent timers and volumeters
- LED faucet indicator disc
- Measures time and volume for up to 5 stages
- Auto-off function conserves batteries
- Timer counts down in months or days (programmable)
- Volumeter counts up in liters or gallons (programmable)
- Modern design is perfect for any kitchen

**PM-1 / PM-2**
- PM-1: OEP single line internal TDS monitor
- PM-2: External single line TDS monitor
- Includes a light and optional alarm that alerts the user service is required when the TDS level reaches the set-point
- User-defined set points
- Red or yellow warning lights
- Audible alarm (steady beep)

**LDM-100R Rejection Dual Monitor**
- Monitor the efficiency of your commercial RO system
- Dual line TDS/EC displays feed and product water
- Automatically calculates the % rejection
- Extended battery life for continuous monitoring
- Includes two sensor probes and batteries

**FLM-3 Flow Meter**
- Monitors flow rates in LPM or GPM
- Tracks total liters or gallons used
- Programmable alarm indicates overage
- Large, easy-to-read LCD display
- Unique design is perfect for under-the-sink or countertop systems

---

<table>
<thead>
<tr>
<th>TRM-1</th>
<th>LPM-100</th>
<th>LDM-100R</th>
<th>PM-2</th>
<th>FLM-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDS: 0-9999 ppm (mg/L): 0-10.0 ppm (p.p.m.)</td>
<td>TDS: 0-9999 ppm</td>
<td>TDS: 0-9999 ppm (mg/L): 0-100 ppm (p.p.m.)</td>
<td>0.0-0.0 LPM: 0.3-2.1 GPM</td>
<td>0.0-0.0 LPM: 0.3-2.1 GPM</td>
</tr>
<tr>
<td>± 3%</td>
<td>± 2%</td>
<td>± 2%</td>
<td>± 1%</td>
<td>± 10%</td>
</tr>
<tr>
<td>0-9999 ppm, 10000-99990 ppm</td>
<td>0-99999 ppm, 10000-99990 ppm</td>
<td>0-99999 ppm, 10000-99990 ppm</td>
<td>1 day/months, gallon filter</td>
<td>0.1 LPM: GPM, 1 g/l</td>
</tr>
<tr>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>Yes (1 - 65°C / 33 - 149°F)</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Analog to any point</td>
<td>Digital to any point</td>
<td>Digital to any point</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>3 x 1/4” quick connect</td>
<td>1/2” NPT threaded</td>
<td>1/2” NPT threaded</td>
<td>1/4” quick connect</td>
<td>Float</td>
</tr>
<tr>
<td>62.2 cm (24.5 in)</td>
<td>3 mm (0.12 in)</td>
<td>3 mm (0.12 in)</td>
<td>93 cm (36.6 in)</td>
<td>n/a</td>
</tr>
<tr>
<td>2 x 1.5V button cell (LR44)</td>
<td>2 x 1.5V AA batteries</td>
<td>2 x 1.5V AA batteries</td>
<td>2 x 1.5V AA batteries</td>
<td>2 x 1.5V AA batteries</td>
</tr>
<tr>
<td>Approx. 1000 hours of usage</td>
<td>Approx. 2 years</td>
<td>Approx. 2 years</td>
<td>Approx. 18 months</td>
<td>Approx. 18 months</td>
</tr>
<tr>
<td>7.6 x 2.4 x 4.7 cm (3 x 0.9 x 1.9 in)</td>
<td>12 x 7.5 x 2.6 cm (4.7 x 3 x 1 in)</td>
<td>12 x 7.5 x 2.6 cm (4.7 x 3 x 1 in)</td>
<td>10 x 6.3 x 2.2 cm (4 x 2.5 x 0.9 in)</td>
<td>6.6 x 9.0 x 6.3 cm (2.6 x 3.5 x 2.5 in)</td>
</tr>
<tr>
<td>88 g (3 oz)</td>
<td>198 g (7 oz)</td>
<td>198 g (7 oz)</td>
<td>119 g (4.2 oz)</td>
<td>207 g (7.3 oz)</td>
</tr>
</tbody>
</table>
Replaceable Sensors

Replacement Probes
- SP-P5
- SP-C2
- SP-C5
- SP-P10
- SP-1/SP-1-PSC

HM-500/HM-200 Replacement pH Probe
- Glass sensor and reference tube, thermistor
- Includes storage solution
- Easy assembly for Hydro Master

HM-200 Replacement EC / TDS Probe
- Platinum sensor pins
- Thermistor
- Easy assembly for Hydro Master

HM-500 Replacement EC / TDS Probe
- Platinum sensor pins
- Thermistor
- Easy assembly for Hydro Master

PPH-1000 Replacement pH Probe
- Glass sensor and reference tube, thermistor
- 3/4" Industrial Type
- Easy assembly for PPH-1000

TDS/EC Sensor Probe for Panel Mounted Controllers
- High quality, durable plastic construction
- Stainless steel sensors
- Probe: 1/2" threaded NPTF (detachable)
- Cable: 3 meter (9.8 ft) shielded cable
- Connector: 4-pin
- Thermistor: Yes

Single TDS Sensor Probe
- Stainless steel sensors
- Probe: 1/4"
- Cable: 120 cm (47 in)
- Connector: 4-pin
- Thermistor: Yes
- Sensors have unlabeled green wrap

COM-300 Replacement pH / TDS / EC Probe
- Glass sensor and reference tube, thermistor
- Includes storage solution
- Easy assembly
- Meter must be calibrated after attaching new sensor

COM-100 Replacement EC Probe
- Platinum sensor pins
- Thermistor
- Easy assembly

PH-200 Replacement pH Probe
- Glass sensor and reference tube, thermistor
- Includes storage solution
- Easy assembly

ORP-200 Replacement ORP Probe
- Platinum sensor and glass reference tube, thermistor
- Includes storage solution
- Easy assembly

IMPORTANT: Meters must be calibrated after attaching a new sensor
LBS-10 is equipped with a large sensor to detect water instantly. Able to use in many different flooring.

The valve’s inner diameter is 3/8 NPT, and the outer diameter is 1/2 BSP.

LBS-10 is a highly versatile LeakBlock sensor.

**SPECIFICATION**

<table>
<thead>
<tr>
<th>LBS-10</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>TEMP RANGE</strong></td>
<td>1.1<del>63°C / 34</del>145°F</td>
</tr>
<tr>
<td><strong>MAX FLOW RATE</strong></td>
<td>5 GPM / 19 LPM</td>
</tr>
<tr>
<td><strong>MAX PRESSURE</strong></td>
<td>125 psi / 8.6 bar</td>
</tr>
<tr>
<td><strong>CONNECTION</strong></td>
<td>3/8” FNPT 1/2” MBSP</td>
</tr>
<tr>
<td><strong>POWER SOURCE</strong></td>
<td>1 x 9V battery</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>312 g (1.1 oz)</td>
</tr>
<tr>
<td><strong>CABLE LENGTH</strong></td>
<td>1m (3.2 ft)</td>
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</tbody>
</table>