Specifications

TDS/EC Range: 0-200 ppm (400 μS)
Max. Set Point: 198 ppm (396 μS)
Default Set Point: 10 ppm
Alarm: Beeps for 20 seconds every 10 minutes
Accuracy: +/- 2%
ATC: Yes
Conversion Factor: NaCl (avg. 0.5)
Sensor Cable Length: (incl. sensor head): 28.5" (72 cm)
Power Source: AC 110V / 220V
Power Cable Length: 59" (150 cm)
Dimensions: 4.75 x 3.1 x 2.4 in. (12 x 8 x 6 cm)
Weight (not including sensor and cables): 0.9 lbs (415 g)

Care and Calibration

Very little care is necessary for your PM-2
- Never touch the sensor pins, as skin oils may adversely affect the TDS measurement.
- To clean the sensor pins, clean with rubbing alcohol and let air dry.
- The PM-2 has been factory calibrated to 150 ppm (NaCl). Re-calibration is unnecessary.

Warranty
The PM-2 is factory warranted for one (1) year from date of purchase. For the complete warranty, please see www.HMDigital.com

WATER PURITY MONITOR
TDS/Conductivity Monitor

Model PM-2

The Water Purity Monitor (PM-2) is a simple device used to monitor the effectiveness of a water purification or filtration system.

When the water purity level reaches a maximum limit, the PM-2 will illuminate a red light and sound a beeping alarm, informing the user that the filtration system requires service.

www.HMDigital.com
Made in Korea. An ISO-9001 Certified Company.

VER 2.0E.US.K.W-US

Instructions

Usage

1. With the sensor installed (see installation) and power cable attached, plug the unit into a wall outlet. It will power on.
2. Operation of the PM-2 is automatic.
3. When the TDS level of the water hits the set point, the light will illuminate and the alarm will beep for 20 seconds every 10 minutes until the TDS falls below the set point again.

Set Point

The default setting of the PM-2 is 10 ppm. To change it:
1. Open the top of the unit by removing the four screws.
2. Remove the LED from the cover (you may need to push it through).
3. Adjust the dip switches to the desired set point. If you do not have the set point list, please contact HM Digital.
4. Reattach the LED and reattach the cover.

Please contact the manufacturer of your water system for recommended settings.
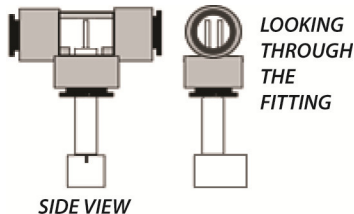
What is TDS?

Total Dissolved Solids (TDS) are the total amount of inorganic elements, including minerals, salts or metals, dissolved in a given volume of water, other than the pure water molecules (H_2O) and suspended solids. TDS is expressed in parts per million (ppm). TDS affects everything that consumes, lives in or uses water. For people, a lower TDS level in drinking water is preferred.

For additional information on TDS, please visit HM Digital's website at www.HMDigital.com

Installation

To install the sensor to the water filtration system:

1. Ensure the white sensor is fully inserted into the T-fitting.
2. Orient the sensor pins so that they are perpendicular to the direction of the T. (You should be able to see both pins if you look through the fitting. See the illustration below.)
3. Disconnect the water source.
4. Snip the product (filtered) water tube at a point between the filter and a dispenser.
5. Insert the two snipped ends of the water tube into the T-fitting.
6. Reconnect the water source.

LOOKING
THROUGH
THE
FITTING

SIDE VIEW

To mount the PM-2:

1. The PM-2 can be mounted with the included adhesive tape.
2. Mount the PM-2 near the water filtration system so that both the sensor cable and power cable will reach.