

# DM-2EC: Commercial Inline Dual EC Monitor

Inline ELECTRICAL CONDUCTIVITY monitor that can be installed on industrial water filtration systems such as car washes, window washing, manufacturing, and food processing.

## FEATURES

- Highly efficient and accurate due to its advanced microprocessor technology.
- Displays EC levels of the Feed Water and Product Water with in & out electrode probes.
- Auto-Off function conserves battery power. The unit shuts off automatically after 3 minutes.
- Dual Range - Measures from 0-999  $\mu\text{S}$ , with a resolution of 1 ppm. From 1000 to 9990  $\mu\text{S}$ , the resolution is in 10  $\mu\text{S}$  increments, indicated by a blinking 'x10' image.
- [Factory Calibrated](#): calibrated to 1413  $\mu\text{S}$ . The DM-2EC features digital calibration.
- Diagnostic error messaging
- Shielded sensor cables
- Comes equipped with 1/4 inch Mur-lok<sup>®</sup> Quick-Connect T-fittings. Also available with 3/8" or 1/2" fittings.
- Installs quickly and easily.

### Differences from the DM-1:

- Measures EC (Electrical Conductivity) in  $\mu\text{S}$  (micro-Siemens).
- Designed for commercial/industrial applications.
- Stronger, water-resistant casing.
- Digital calibration can be done individually on each line.
- Improved design, including an extra large, easy-to-read LCD display.
- Longer, waterproof, shielded cables.
- Variable mounting bracket.

## SPECIFICATIONS

**Range:** 0-9990  $\mu\text{S}$

**Accuracy:**  $\pm 2\%$

**Cable Length:** 46" (including sensor), shielded cables

**Sensor:** Dual, 1/4" diameter for quick-connect fittings (model [SP-3](#), included)

**Digital Calibration:** Digitally factory calibrated to 1413  $\mu\text{S}$ . Re-calibration can be done separately for each line.

**Power source:** 2 x AA batteries (included)

**Battery life:** Approx. 2 years

**Size:** 11.6 x 6.8 x 1.8 cm (4.6 x 2.6 x .7in.)

**Weight:** 201.3 g (7.1 oz.)

**NOTE:** *All water purification and filtration systems are different. Please contact the manufacturer of your RO or DI system to determine when you should change your filter cartridges or membranes (based on EC levels and/or percent rejection).*



The DM-2EC can easily be installed on any water filtration system that removes EC to show the EC levels of both the feed and product water. 1/4" quick-connect T-fittings are standard. (3/8" and 1/2" are also available.)

 **1 YEAR WARRANTY**



With an EC monitor or meter, you can easily determine your RO system's performance by calculating the percent rejection. Once you have obtained the EC levels of your feed water (IN) and product water (OUT), use the calculator below to determine the percent rejection of your RO system.