

Instrumentation-SM-1EC Monitor-Single Probe



SM-1EC: In-line Single EC Monitor

The SM-1EC provides an easy to read single probe in-line EC (Conductivity) monitor with a digital display. It is ideal for any water filtration system, including reverse osmosis and deionisation systems, water coolers and much more.

Features:

- Displays EC (Conductivity) level of a single water line
- Efficient and accurate
- Auto-Off function conserves battery power. (Shuts off automatically after 10 minutes of non-use)
- Factory Calibrated: our meters are calibrated with a 342 ppm NaCl solution. Meters can be recalibrated with a mini-screwdriver against a suitable calibration standard.
- Comes equipped with one 1/4 inch T-fitting (also available for 3/8" or 1/2" tubing).
- Installs quickly and easily.

Description

- **Range:** 0-9990 $\mu\text{S}/\text{cm}$: (0 – 999 $\mu\text{S}/\text{cm}$ the resolution is 1 $\mu\text{S}/\text{cm}$. From 1000 to 9990 $\mu\text{S}/\text{cm}$, the resolution is 10 $\mu\text{S}/\text{cm}$, indicated by a blinking 'x10' image.)
- **Accuracy:** $\pm 2\%$
- **Cable Length:** 24.5" (including sensor)
- **Fittings:** suits 1/4" OD standard tubing, also available for 3/8" or 1/2" tubing sizes
- **Power source:** 2 x 1.5V button cell batteries (LR44 or equivalent; included)
- **Battery life:** approx. 1000 hours of continuous use
- **Size:** 7.6 x 2 x 4.7 cm (3 x .8 x 1.9 in.). **Weight:** 79.4 g (2.8 oz.)



For optimal results of your DM-2 Meter, we recommend periodic recalibration with HM Digital™ TDS Calibration Solution (342ppm NaCl) or similar recognised calibration standard solution covering the conductivity range around which your water measurements are typically being made.