



Milwaukee MI-CD600 Digital Total Dissolved Solids Pen (TDS)



SPECIFICATIONS

- **Range:** 0 to 1990 ppm
- **Resolution:** 10 ppm
- **Accuracy:** $\pm 2\%$ Full Scale
- **Typical EMC Deviation:** $\pm 2\%$ Full Scale
- **Calibration:** Manual, at 1 point through trimmer
- **Temperature Compensation:** Automatic from 5 to 50°C, with $\beta=2\%/^{\circ}\text{C}$
- **Environment:** 0 to 50°C / 32 to 122°F; max RH 100%
- **Battery Type:** 4 x 1.5V Alkaline (included)
- **Battery Life:** Approx. 350 hours of continuous use
- **Calibration Solution:** M10032B (25 sachets 20 mL ea.)
- **Dimensions:** 6 x 1.2 x 0.95 inches (180 x 65 x 32 mm)
- **Weight:** 3.5 ounces (0.99 g)

DESCRIPTION

•DIGITAL. SIMPLE. COMPACT.

The Milwaukee MI-CD600 Total Dissolved Solids (TDS) Pen is designed for hydroponics, aquariums, horticulture, water conditioning and many other applications. The MI-CD600 helps you make sure that your plants are receiving the right amount of nutrient or helps you keep your filters up-to-date and clean for water filtration. Keep TDS in your target range to help you achieve better results.



DESIGN FEATURES

- Measures Total Dissolved (TDS) direct and with automatic temperature compensation.
- Ideal range for hydroponics (0 to 1990 ppm).
- Units in ppm easily convertible to uS/cm.
- Factory calibrated with the ability to recalibrate if needed.
- Automatic Temperature Compensation (ATC).
- 350 hours continuous use (4 x 1.5V batteries included).
- Simple one point calibration.



CONVERTING EC TO TDS

The Milwaukee TDS Pen, like all TDS meters, provides a measure of Total Dissolved Solids (ppm) reading, of contaminants per unit of volume in a solution.

TDS/PPM is often converted to uS/cm. Different scales include the 500 scale, 650 scale and the 700 scale.

Your TDS/PPM readings can be approximately converted to uS/cm as shown in the examples below.

1 ppm = 2 uS/cm on the 0.5 factor scale

1 ppm = 1.43 μ S/cm on the 442 scale or .70 factor scale



Thank you for considering Milwaukee to help you take your results to the next level.



CARE AND USE

MAINTENANCE

TDS/PPM electrodes can develop nutrient build up over time. To minimize build up, always rinse the probe in fresh tap or DI water after every use.