

# Complete pH, EC & TDS measurement control



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# Milwaukee MW805 4-in-1 pH/EC/TDS/Temp. Combo Meter with ATC

BRAND: [Milwaukee Instruments](#)

SKU: MW805

RANGE: -2.00 - 20.00 pH | 0 - 4000  $\mu$ S/cm | 0 - 2000 ppm (mg/L) | -20.0 to 120.0°C (-4.0 to 248.0°F)

RESOLUTION: 0.01 pH | 1  $\mu$ S/cm | 1 ppm (mg/L) | 0.1°C (0.1°F)

ACCURACY:  $\pm$ 0.01 pH |  $\pm$ 2% Full Scale EC/TDS |  $\pm$ 0.5°C ( $\pm$ 0.9°F)

MANUAL: [\[link\]](#)

## SPECIFICATIONS

pH Range: -2.00 to 20.00 pH

EC Range: 0 to 4000  $\mu$ S/cm

TDS Range: 0 to 2000 ppm (mg/L) | up to 3200 ppm (mg/L) with TDS 0.80 factor

Temperature Range: -20.0 to 120.0°C / -4.0 to 248°F

pH Resolution: 0.01 pH

EC Resolution: 1  $\mu$ S/cm

TDS Resolution: 1 ppm (mg/L)

Temperature Resolution: 0.1°C / 0.1°F

pH Accuracy:  $\pm$ 0.01

EC/TDS Accuracy:  $\pm$ 2% Full Scale

Temperature accuracy:  $\pm$ 0.5°C /  $\pm$ 0.9°F

Calibration pH: Automatic up to 5 - point pH, 7 Standard Calibration Buffers: pH1.68; 4.01; 6.86; 7.01; 9.18, 10.01; 12.45 and 2 Custom Buffers

Calibration EC/TDS: Single Cell Factor Calibration; 2 Standards: 84  $\mu$ S/cm; 1413  $\mu$ S/cm / One- point Offset: 0.00  $\mu$ S/cm

Temperature Calibration: Factory Calibrated

Temperature Compensation: Automatic (ATC) from -20 to 120°C (-4 to 248°F) | Manual (MTC) from -20 to 120°C (-4 to 248°F)

Conductivity temperature coefficient: 0.00 to 6.00 % /°C (EC & TDS only) | Default value: 1.9 %/°C

TDS Factor: 0.40 to 0.80; default value: 0.50

Logging Memory: Up to 1,000 log records (stored in up to 100 lots) | On demand, up to 200 logs | on Stability, up to 200 logs |

Interval logging, up to 1,000 logs | Parameter-Specific log storage location

PC connectivity: 1 micro USB port

Battery Type: 3 X 1.5V Alkaline AA batteries (included) | Approximately 200 hours of use

Environment: 0 to 50°C / 32 to 122°F; max RH 95%

Dimensions Meter: 7.9 x 3.3 x 2 inches (200 x 85 x 50 mm)

Auto-off: After 10 minutes of non-use

Casing: IP67 protection level

Weight Meter: 260 g (0.57 lb)

Dimensions Packaging: 12 x 11 x 4.5 inches (305 x 280 x 115 mm)

Weight Packaged: 3.2 lbs. (1.44 kg)

Probe Specifications: MA852D/1 Amplified pH/EC/TDS/Temp Probe (included)

Range: pH 0 to 13 | Temperature 0.0 to 60.0°C (32.0 to 140.0°F)

EC electrodes: 2 X graphite

Reference: Single, Ag/AgCl

Junction: Cloth

Electrolyte (pH): Gel

Body: ABS

Connection: DIN

Cable: 1 m (3.3')