

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 μ S/cm | 0 - 2000 ppm (mg/L) | -20.0 to 120.0°C (-4.0 to 248.0°F)

RESOLUTION: 0.01 pH | 1 μ 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: [_____](#)

SPECIFICATIONS

pH Range: -2.00 to 20.00 pH
EC Range: 0 to 4000 μ 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 μ 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 μ S/cm; 1413 μ S/cm / One- point Offset: 0.00 μ 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')