

# MW805 MAX/MW806 MAX

## Portable pH/EC/TDS/Temperature Meters

MW805 and MW806 portable meters combine the main features of a benchtop unit into a portable, water-resistant meter that can measure up to 4 different parameters — pH, EC (Conductivity), TDS (Total Dissolved Solids), and temperature.

- Easy to read LCD display
- Auto-off feature to prolong battery life
- Internal clock and date to keep track of time-dependent functions (calibration timestamp, calibration time out)
- Up to 5-point pH calibration (selection from 7 standard calibration buffers and 2 custom buffers)
- Automatically (ATC) or manually temperature compensated (MTC) measurements, with a user-selectable compensation coefficient
- Available log space for up to 1000 records
- Logged data can be exported using a micro USB cable
- Dedicated GLP key to store and recall data on system status



- Years warranty 2
- ATC
- Points 2
- Dual Display
- MULTI
- Self diagnostics
- CE

Specifications		MW805	MW806
Range	pH EC TDS Temp.	-2.00 to 20.00 pH 0 to 4000 µS/cm 0 to 2000 ppm (up to 3200 ppm with TDS 0.80 factor) -20.0 to 120.0°C	-2.00 to 20.00 pH 0.00 to 20.00 mS/cm 0.00 to 10.00 ppt (up to 16.00 ppt with TDS 0.80 factor) -20.0 to 120.0°C
Resolution	pH EC TDS Temp.	0.01 pH 1 µS/cm 1 ppm 0.1°C	0.01 pH 0.1 mS/cm 0.01 ppt 0.1°C
Accuracy (@25°C)	pH EC/TDS Temp.	±0.01 pH ±2% Full Scale ±0.5°C	±0.01 pH ±2% Full Scale ±0.5°C
Temperature compensation		ATC - automatic, from -20 to 120 °C MTC - manual, from -20 to 120 °C	ATC - automatic, from -20 to 120 °C MTC - manual, from -20 to 120 °C
pH Calibration		Up to 5-point automatic pH calibration, 7 standard buffers, 2 custom buffers	Up to 5-point automatic pH calibration, 7 standard buffers, 2 custom buffers
EC/TDS Calibration		Single cell factor calibration, 2 standards One-point offset: 0.00 µS/cm	Single cell factor calibration, 3 standards One-point offset: 0.00 µS/cm
Conductivity temp. coeff.		0.00 to 6.00%/°C	0.00 to 6.00%/°C
TDS Factor		0.40 to 0.80	0.40 to 0.80
Probe (included)		MA852 amplified pH/EC/TDS/Temp probe with DIN connector and 1 m cable	MA852 amplified pH/EC/TDS/Temp probe with DIN connector and 1 m cable
Logging memory		Up to 1000 log records On demand, up to 200 logs On stability, up to 200 logs Interval logging, up to 1000 logs Parameter-specific log store location	Up to 1000 log records On demand, up to 200 logs On stability, up to 200 logs Interval logging, up to 1000 logs Parameter-specific log store location
PC connectivity		1 micro USB port	1 micro USB port
Environment		0 to 50°C max RH 95%	0 to 50°C max RH 95%
Battery Type		3 x 1.5V alkaline AA (included)	3 x 1.5V alkaline AA (included)
Battery Life		approx. 200 hours of use	approx. 200 hours of use
Packaging dimensions		305 x 280 x 115 mm	305 x 280 x 115 mm
Packaging weight		1.44 kg	1.46 kg

### Accessories



- MA852** Amplified pH/EC/TDS/Temperature probe with DIN connector and 1 m cable
- MA9004** pH 4.01 buffer solution, 230 mL bottle
- MA9006** pH 6.86 buffer solution, 230 mL bottle
- MA9007** pH 7.01 buffer solution, 230 mL bottle
- MA9009** pH 9.18 buffer solution, 230 mL bottle
- MA9010** pH 10.01 buffer solution, 230 mL bottle
- MA9015** Probe storage solution, 230 mL
- MA9016** General cleaning solution, 230 mL
- MA9060** 12880 µS/cm solution, 230 mL
- MA9061** 1413 µS/cm solution, 230 mL
- M10000B** Rinse solution, 20 mL (25 pcs.)

### Ordering Information

**MW805** is supplied complete with MA852D/1 pH/EC/TDS/Temp amplified probe with 1 meter cable, 2x20 mL pH 4.01 and pH 7.01 sachet of calibration solutions, 2x20 mL 1413 µS/cm sachet of calibration solutions, 2x20 mL sachet of electrode cleaning solutions, rugged carrying case, batteries, micro USB cable and instructions.

**MW806** is supplied complete with MA852D/1 pH/EC/TDS/Temp amplified probe with 1 meter cable, 2x20 mL pH 4.01 and pH 7.01 sachet of calibration solutions, 2x20 mL 12880 µS/cm sachet of calibration solutions, 2x20 mL sachet of electrode cleaning solutions, rugged carrying case, batteries, micro USB cable and instructions.