

MW801/MW802

Entry level, inexpensive pH/EC/TDS Portable Meters for fast and reliable results

MW801 and MW802 are compact Portable Meters with Faster Micro Processor. These meters allow you to measure pH, EC (conductivity) and TDS with just one instrument and one single probe!

These easier and faster to calibrate portable meters have a smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD Display and long battery life.

Both meters calibrate manually in pH, Conductivity and TDS.

Each meter is supplied with the MA850 interchangeable probe with 1 meter cable to measure pH, Conductivity and TDS. The pH electrode utilizes a fiber junction to reduce contamination when measuring fertilizer solutions.

- The **MW801** with a Conductivity range that goes up to 1990 $\mu\text{S/cm}$ and TDS range that goes up to 1990 ppm is an ideal tool for drinking water measurements.
- The **MW802**, with a conductivity range that goes up to 6.00 mS/cm and the TDS up to 4000 ppm is ideal for testing in crop production.



Specifications		MW801	MW802
Range	pH	0.0 to 14.0 pH	0.00 to 14.00 pH
	EC	0 to 1990 $\mu\text{S/cm}$	0.00 to 6.00 mS/cm
	TDS	0 to 1990 ppm	0 to 4000 ppm
Resolution	pH	0.1 pH	0.10 pH
	EC	10 $\mu\text{S/cm}$	0.10 mS/cm
	TDS	10 ppm	10 ppm
Accuracy (@20°C)	pH	± 0.2 pH	± 0.20 pH
	EC/TDS	$\pm 2\%$ Full Scale	$\pm 2\%$ Full Scale
Calibration Solutions		M10007 (pH 7.01) M10031 (1413 $\mu\text{S/cm}$) M10032 (1382 ppm)	M10007 (pH 7.01) M10031 (1413 $\mu\text{S/cm}$)
Conversion Factor		0.5	0.68
Calibration		manual, at 1 point	manual, at 1 point
Temperature Compensation		automatic, from 0 to 50°C	automatic, from 0 to 50°C
Probe		SE600 combination pH/EC/TDS probe	SE600 combination pH/EC/TDS probe
Environment		0 to 50°C / 32 to 122°F; max RH 95%	0 to 50°C / 32 to 122°F; max RH 95%
Battery Type / Battery Life		1 x 9 V alkaline / 150 hours of use	1 x 9 V alkaline / 150 hours of use
Auto-off		after 8 minutes of non-use	after 8 minutes of non-use
Dimensions		185 x 82 x 45 mm	185 x 82 x 45 mm
Weight		165 g (with battery)	165 g (with battery)

Large and Easy-to-read Display

MW801 and MW802 offer highly stable and accurate readings with large LCD display.



Combined interchangeable pH, Conductivity and TDS Probe

The pH electrode utilizes a fiber junction to reduce contamination when measuring fertilizer solutions.



Accessories

- M10000B** Electrode rinse solution, 20 mL sachet (25 pcs)
- M10004B** pH 4.01 buffer solution, 20 mL sachet (25 pcs)
- M10007B** pH 7.01 buffer solution, 20 mL sachet (25 pcs)
- M10010B** pH 10.01 buffer solution, 20 mL sachet (25 pcs)
- M10031B** 1413 $\mu\text{S/cm}$ calibration solution, 20 mL sachet (25 pcs)
- M10032B** 1382 ppm calibration solution, 20 mL sachet (25 pcs)
- MA9015** Electrode storage solution, 230 mL bottle
- MA9016** Cleaning solution, 230 mL bottle
- SE600** pH/EC/TDS spare probe with 1 m cable

Ordering Information

MW801 is supplied complete with SE600 combination pH/EC/TDS probe, 20 mL sachet pH 7.01 buffer solution, 20 mL 1413 $\mu\text{S/cm}$ sachet of calibration solution, 20 mL 1382 ppm sachet of calibration solution, 9V battery and instructions.

MW802 is supplied complete with SE600 combination pH/EC/TDS probe, 20 mL sachet pH 7.01 buffer solution, 20 mL 1413 $\mu\text{S/cm}$ sachet of calibration solution, 20 mL 1500 ppm sachet of calibration solution, 9V battery and instructions.