

# MW801 PRO/MW802 PRO

## Budget pH/EC/TDS Combined Portable Meters for fast and reliable results

**MW801 PRO** and **MW802 PRO** are compact microprocessor-based Portable Meters. These meters allow you to measure pH, EC (conductivity) and TDS with just one instrument and one single probe!

These easy and fast to calibrate portable meters have a small and ergonomic case design. Other features include large and easy to read LCD 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 PRO** with a Conductivity range that goes up to 1990  $\mu\text{S}/\text{cm}$  and TDS range that goes up to 1990 ppm is an ideal tool for drinking water measurements.
- The **MW802 PRO**, with a conductivity range that goes up to 6.00  $\text{mS}/\text{cm}$  and the TDS up to 4000 ppm is ideal for testing in crop production.



Specifications		MW801 PRO	MW802 PRO
Range	pH EC TDS	0.0 to 14.0 pH 0 to 1990 $\mu\text{S}/\text{cm}$ 0 to 1990 ppm	0.00 to 14.00 pH 0.00 to 6.00 $\text{mS}/\text{cm}$ 0 to 4000 ppm
Resolution	pH EC TDS	0.1 pH 10 $\mu\text{S}/\text{cm}$ 10 ppm	0.10 pH 0.10 $\text{mS}/\text{cm}$ 10 ppm
Accuracy (@25°C)	pH EC/TDS	$\pm 0.2$ pH $\pm 2\%$ Full Scale	$\pm 0.20$ pH $\pm 2\%$ Full Scale
Calibration Solutions		M10007 (pH 7.01) M10031 (1413 $\mu\text{S}/\text{cm}$ ) M10032 (1382 ppm)	M10007 (pH 7.01) M10031 (1413 $\mu\text{S}/\text{cm}$ )
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 (included)	SE600 combination pH/EC/TDS/probe (included)
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		1 x 9V alkaline	1 x 9V alkaline
Battery Life		150 hours of use	150 hours of use
Packaging dimensions		268 x 122 x 118 mm	268 x 122 x 118 mm
Packaging weight		640 g	720 g

### Large and easy-to-read display

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



### Combined SE600 pH/EC/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  $\mu\text{S}/\text{cm}$  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 meter cable



### Ordering Information

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

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