

MW301 PRO/MW302 PRO/MW401 PRO/MW402 PRO

Budget Conductivity & TDS

Portable Meters for fast and reliable results

MW301 PRO, MW302 PRO, MW401 PRO and MW402 PRO are compact microprocessor-based Conductivity and TDS Portable Meters. These handy and ergonomically designed portable meters are ideal for anyone working on a low budget and still requires fast and reliable measurements.

These portable meters are suitable for a wide range of applications, such as Educational, Agriculture and Horticulture, as well as water and environmental analysis.

These portable meters with Automatic Temperature Compensation have a small and ergonomic case design. Other features include large and easy to read LCD and long battery life. Each meter is supplied complete with Conductivity/TDS probe with 1 meter cable and calibration solution.

Choose your portable EC & TDS meter according to the proper EC/TDS ranges for your application:

- **MW301 PRO:** 0 to 1999 $\mu\text{S/cm}$ with a 1 $\mu\text{S/cm}$ resolution;
- **MW302 PRO:** 0.0 to 10.0 mS/cm with a 0.1 mS/cm resolution;
- **MW401 PRO:** 0 to 1999 mg/L (ppm) with a 1 mg/L resolution;
- **MW402 PRO:** 0.0 to 10.0 g/L (ppt) with a 0.1 g/L resolution.



Specifications	MW301 PRO	MW302 PRO	MW401 PRO	MW402 PRO
Range	0 to 1999 $\mu\text{S/cm}$	0.0 to 10.0 mS/cm	0 to 1999 mg/L (ppm)	0.0 to 10.0 g/L (ppt)
Resolution	1 $\mu\text{S/cm}$	0.1 mS/cm	1 mg/L (ppm)	0.1 g/L (ppt)
Accuracy (@25°C)	$\pm 2\%$ Full Scale	± 2 Full Scale	$\pm 2\%$ Full Scale	± 2 Full Scale
Conversion factor			0.5	0.5
Calibration Solutions (included)	1413 $\mu\text{S/cm}$ (M10031B)	5.00 mS/cm (M10039B)	1382 mg/L (M10032B)	6.44 g/L (M10038B)
Conductivity probe	SE510 (included)	SE520 (included)	SE510 (included)	SE520 (included)
Temperature Compensation	automatic, from 5 to 50°C	automatic, from 5 to 50°C	automatic, from 5 to 50°C	automatic, from 5 to 50°C
Environment	0 to 50°C, max RH 95%	0 to 50°C, max RH 95%	0 to 50°C, max RH 95%	0 to 50°C, max RH 95%
Battery Type	1 x 9V alkaline (included)	1 x 9V alkaline (included)	1 x 9V alkaline (included)	1 x 9V alkaline (included)
Battery Life	approx. 300 hours of use	approx. 300 hours of use	approx. 300 hours of use	approx. 300 hours of use
Packaging dimensions	212 x 145 x 67 mm	212 x 145 x 67 mm	212 x 145 x 67 mm	212 x 145 x 67 mm
Packaging weight	440 g	440 g	440 g	440 g

Accessories

- SE510** EC/TDS probe with DIN connector and 1 m cable for MW301, MW401
- SE520** EC/TDS probe with DIN connector and 1 m cable for MW302, MW402
- M10031B** 1413 $\mu\text{S/cm}$ calibration solution, 20 mL (25 pcs)
- M10032B** 1382 ppm (mg/L) calibration solution, 20 mL (25 pcs)

- M10038B** 6.44 ppt (g/L) calibration solution, 20 mL (25 pcs)
- MA9060** 12880 $\mu\text{S/cm}$ calibration solution, 230 mL bottle
- MA9061** 1413 $\mu\text{S/cm}$ calibration solution, 230 mL bottle
- MA9062** 1382 ppm TDS solution, 230 mL bottle



Packaging Information

MW301 PRO, MW302 PRO, MW401 PRO, MW402 PRO are supplied in a carton color box. Optionally they can be ordered in a hard carrying case (**MA751**).



Ordering Information

- MW301 PRO** is supplied complete with SE510 EC probe, 20 mL 1413 $\mu\text{S/cm}$ sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
- MW302 PRO** is supplied complete with SE520 EC probe, 20 mL 1413 $\mu\text{S/cm}$ sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
- MW401 PRO** is supplied complete with SE510 EC probe, 20 mL 1382 ppm sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
- MW402 PRO** is supplied complete with SE520 EC probe, 20 mL 6.44 ppt sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.