

MW301/MW302/MW401/MW402

Entry level, inexpensive Conductivity & TDS Portable Meters for fast and reliable results



MW301, MW302, MW401 and MW402 are compact Conductivity and TDS Portable Meters with Faster Micro Processor. 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 smaller, ergonomic and lighter case design. Other features include 100% larger and easier to read LCD Display 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: 0 to 1990 μ S/cm with a 10 μ S/cm resolution;
- MW302: 0.0 to 10.0 mS/cm with a 0.1 mS/cm resolution;
- MW401: 0 to 1990 mg/L (ppm) with a 10 mg/L resolution;
- MW402: 0.0 to 10.0 g/L (ppt) with a 0.1 g/L resolution.

Specifications	MW301	MW302	MW401	MW402
Range	0 to 1990 μ S/cm	0.0 to 10.0 mS/cm	0 to 1990 mg/L (ppm)	0.0 to 10.0 g/L (ppt)
Resolution	1 μ S/cm	0.1 mS/cm	1 mg/L (ppm)	0.1 g/L (ppt)
Accuracy (@25°C)	\pm 2% Full Scale	\pm 2% Full Scale	\pm 2% Full Scale	\pm 2% Full Scale
Conversion Factor			0.5	0.5
Calibration Solutions (included)	1413 μ S/cm (M10031B)	1413 μ S/cm (M10031B)	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
Dimensions	145 x 80 x 40 mm	145 x 80 x 40 mm	145 x 80 x 40 mm	145 x 80 x 40 mm
Weight	220 g (with battery)	220 g (with battery)	220 g (with battery)	220 g (with battery)

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 μ 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 μ S/cm calibration solution, 230 mL bottle
- MA9061 1413 μ S/cm calibration solution, 230 mL bottle
- MA9062 1382 ppm TDS solution, 230 mL bottle



Ordering Information

MW301 is supplied complete with SE510 EC probe, 20 mL 1413 μ S/cm sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
 MW302 is supplied complete with SE520 EC probe, 20 mL 1413 μ S/cm sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
 MW401 is supplied complete with SE510 EC probe, 20 mL 1382 ppm sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.
 MW402 is supplied complete with SE520 EC probe, 20 mL 6.44 ppt sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.