

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) | 1413 $\mu\text{S/cm}$ (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 |
| 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



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.

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 (**Mi0028**).

