

MW301 PRO



PRO Portable Conductivity Meter

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Description

MW301 PRO Portable Conductivity Meter

MW301 is a Conductivity Portable Meter, with Automatic Temperature Compensation, and is ideal for the educational and agricultural markets. Soil conductivity is checked before fertilizer application to pinpoint field needs and after fertilization to establish its effectiveness. The EC testing provides all agricultural operation with a method to optimize chemical applications and minimize operational cost.

This instrument has been designed to meet the Grower's need for equipment suited to the aggressive environments found in agricultural and hydroponics applications.

The MW301 has a range of 0 to 1999 $\mu\text{S}/\text{cm}$ with a 1 $\mu\text{S}/\text{cm}$ resolution. The meter is supplied complete with Conductivity probe with 1 meter cable and calibration solution.

Conductivity: MW301 PRO

Specification	MW301
Range	0 to 1999 µS/cm
Resolution	10 µS/cm
Accuracy (@25°C)	±2% Full Scale
Calibration Solutions (included)	1413 µS/cm (M10031B)
Conductivity Probe	SE510 (included)
Temperature Compensation	automatic, from 5 to 50°C
Environment	0 to 50°C / 32 to 122°F; max RH 95%
Battery Type	1 x 9V alkaline (included)
Battery Life	approximately 300 hours of continuous use
Packaging dimensions / weight	212 x 145 x 67 mm / 440 g

Accessories:

- **SE510** Conductivity/TDS probe with DIN connector and 1 m cable
- **M10031B** 1413 µS/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 µS/cm calibration solution, 230 ml bottle
- **MA9061** 1413 µS/cm calibration solution, 230 ml bottle

Ordering information:

MW301 is supplied complete with SE510 EC probe, 20 mL 1413 µS/cm sachet of calibration solution, screwdriver for calibration, 9V battery and instructions.