

# MC310 PRO/MC410 PRO Conductivity/TDS Monitors



Reliable Conductivity and TDS monitors with Automatic temperature compensation and 1 point manual calibration powered by a 12 VDC adapter. They are ideal for the hydroponic market and allow you to continuously monitor EC or TDS values directly in your reservoir.

Other features include: user selectable set point, visual LED alarm when values go above/below (selectable by the user) the set point.

The monitors are very simple to operate:

1. Hang your monitor above your reservoir
2. Connect the adapter to the meter and plug in the power supply (make sure that your power supply is in a safe area from the water!)
3. Immerse 2/3 of the probe in the solution
4. The probe can now remain there permanently.

### User selectable Hi/Low Set Point

A visual LED alarms when value goes above or below the set point the user selected.



Specifications	MC310 PRO	MC410 PRO
Range	0.0 to 10.0 mS/cm	0 to 1990 ppm
Resolution	0.1 mS/cm	10 ppm
Accuracy (@25°C)	±2% Full Scale	±2% Full Scale
Conversion factor		0.7
Set point	1 to 5 mS/cm	100 to 1900 ppm
Alarm	active when the measurement is higher or lower than the set point	active when the measurement is higher or lower than the set point
Temperature compensation	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%
Probe	MA812/2 (included)	MA812/2 (included)
Power supply	12 VDC power adapter (included)	12 VDC power adapter (included)
Packaging dimensions	268 x 122 x 118 mm	268 x 122 x 118 mm
Packaging weight	820 g	820 g

### Accessories

- M10000B Electrode rinse solution, 20 mL sachet (25 pcs)
- M10031B 1413 µS/cm calibration solution, 20 mL sachet (25 pcs)
- M10032B 1382 ppm calibration solution, 20 mL sachet (25 pcs)
- MA9061 1413 µS/cm calibration solution, 230 mL bottle
- MA9062 1382 ppm TDS solution, 230 mL bottle
- MA9310 12 VDC Adapter, 220 V
- MA9311 12 VDC Adapter, 110 V
- MA812/2 Conductivity probe with 2 m cable



### Ordering Information

**MC310 PRO** is supplied complete with MA9310 12VDC adapter, MA812/2 EC probe, 20 mL 5.00 mS/cm sachet of calibration solution, screwdriver for calibration and instruction, in a carton box.

**MC410 PRO** is supplied complete with MA9310 12VDC adapter, MA812/2 TDS probe, 20 mL 1500 ppm sachet of calibration solution, screwdriver for calibration and instruction, in a carton box.

