

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.

