

MC110/MC120

pH Monitors



The Smart pH monitor allows you to continuously monitor pH values directly in your reservoir. Features include: user selectable set point, visual LED alarm when values go above the set point and manual calibration. Each monitor is powered by a 12 VDC adapter and is ideal for applications such as Hydroponic and Aquarium.

The pH monitors are very simple to operate:

1. Hang your monitor above the 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 away from the water);
3. Immerse 2/3 of the electrode in the solution;
4. The probe can now remain there permanently.

The monitors are supplied complete with a MA911B/2 pH electrode. Each monitor comes complete with a 12 VDC adapter and calibration solution.

User selectable Hi/Low Set Point

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



Specifications	MC110	MC120
Range	0.0 to 14.0 pH	0.0 to 14.0 pH
Resolution	0.1 pH	0.1 pH
Accuracy (@25°C)	±0.2 pH	±0.2 pH
Calibration	manual, 2 points through trimmers on the meter front panel	manual, 2 points through trimmers on the meter front panel
Set point	3.5 to 7.5 pH	5.5 to 9.5 pH
Alarm	active when measurement is higher or lower than selected set point	active when measurement is higher or lower than selected set point
pH Electrode	MA911B/2 (included)	MA911B/2 (included)
Environment	0 to 50°C / 32 to 122°F; max RH 95%	0 to 50°C / 32 to 122°F; max RH 95%
Power supply	12 VDC power adapter (included)	12 VDC adapter
Dimensions	148,5 x 82,5 x 32 mm	148,5 x 82,5 x 32 mm
Weight	160 g	160 g

Accessories

- M10000B** Electrode rinse solution, 20 mL sachet (25 pcs)
- M10004B** pH 4.01 buffer solution, 20 mL sachet (25 pcs)
- M10007B** pH 7.01 buffer solution, 20 mL sachet (25 pcs)
- M10010B** pH 10.01 buffer solution, 20 mL sachet (25 pcs)
- M10016B** Electrode cleaning solution, 20 mL sachet (25 pcs)

- MA9015** Electrode storage solution, 20 mL sachet (25 pcs)
- MA9016** Electrode cleaning solution, 20 mL sachet (25 pcs)
- MA9310** 12 VDC Adapter, 220 V
- MA9311** 12 VDC Adapter, 110 V
- MA911B/2** Double junction, gel filled pH electrode with 2 m cable



Ordering Information

MC110 is supplied complete with MA9310 12VDC adapter, MA911B/2 pH electrode, 20 mL pH 7.01 sachet of calibration solution, calibration screwdriver and instructions.

MC120 is supplied complete with MA9310 12VDC adapter, MA911B/2 pH electrode, 20 mL pH 7.01 sachet of calibration solution, calibration screwdriver and instructions.