

MC730



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pH Controller and Pump

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Description

MC720

Control the pH of your tank/reservoir AUTOMATICALLY!

The MC122 pH controller and dosing pump (MP815) provides fully automated pH control of aqueous solutions in hydroponic systems. It has been specifically designed to control the pH in mixing tanks for fertilization. The small and precise flow of the peristaltic pump allows you to maintain ideal pH values in your tank.

After selecting the desired pH setting from 5.5 to 9.5 pH, the pH controller measures the pH value of the solution and automatically adds pH adjustment (acid or alkaline) to change the liquid's pH to the selected level.

Specifications	MC122
Range	0.0 to 14.0 pH
Resolution	0.1 pH
Accuracy (25°C)	±0.2 pH
Set point	5.5 to 9.5 pH
Alarm	active when measurement is higher or lower than selected set point
Output power socket	relay, 230V / 117V, 8A
Output	active when measurement is higher or lower than selected set point
pH electrode	MA911B/2
Environment	0 to 50°C / 32 to 122°F; max RH 95%
Power supply	12 VDC power adapter (included)
Power drivers	115VAC, 2A, 60Hz or 230VAC, 1A, 50Hz
Packaging dimensions	276 x 129 x 138 mm
Packaging weight	1.1 kg

Specification	MP815
Adjustable flow	0.0 to 2.2 L/h
Max. pressure	2 bar
Squeeze tubing	Santoprene
Ext. tube connection	6 mm
Power supply	240 VAC, 50-60 Hz
Power consumption	7.7 W
Packaging dimensions	138 x 165 x 123 mm
Packaging weight	820 g

Accessories:

- **MA911B/2** Double junction, gel filled pH electrode with 1 m cable
- **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)
- **MA9015** Electrode storage solution 20 mL sachet (25 pcs)
- **M10000B** Electrode rinse solution 20 mL sachet (25 pcs)
- **MA9310** 12 VDC Adapter, 220 V
- **MA9311** 12 VDC Adapter, 110 V
- **MP815** Dosing Pump

Ordering information:

MP810 is supplied complete with mounting bracket, screws, 1.5 meter Ext. PE tubing, Filter, Fitting, 2,6 meter Power cable. MC122 is supplied complete with MA9310 12 VDC adapter, MA911B/2 pH electrode, 20 mL pH4.01 sachet of calibration solution, 20 mL pH7.01 sachet of calibration solution, calibration screwdriver and instructions.