

## MC745



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EC Controller and Pump

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### Description

#### MC745

### Control the EC & Fertilizer dosage in your tank AUTOMATICALLY!

The MC311 EC controller with two dosing pumps (MP810) provides fully automated EC control of aqueous solutions in hydroponic systems. It has been specifically designed to control the EC in mixing tanks for fertilization. The small and precise flow of the peristaltic pump allows you to maintain ideal EC values in your tank.

After selecting the desired EC setting from 0.8 to 2.8 mS, the controller measures the EC value of the solution and automatically adds Fertilizer.

Specification	MC311	Specification	MP810
Range	0.0 - 10.0 mS/cm	Max. flow	1.5 L/h
Resolution	0.1 mS/cm	Max. pressure	2 bar
Accuracy	±2% Full scale	Squeeze tubing	Santroprene
Set point	0.8 to 2.8 mS/cm	Exit tube connection	6 mm
Alarm	active when reading is higher or lower than set point	Power supply	240 VAC, 50-60 Hz
Temperature compensation	automatic, from 5 to 50°C	Power consumption	7.7 W
Environment	0 to 50°C, max RH 95%	Packaging dimensions	138 x 165 x 123 mm
Probe	MA812/2 (included)	Packaging weight	820 g
Power supply	12 V DC power adapter (included)		
Dimensions	148.5 x 82.5 x 32 mm		
Weight	180 g		

**Accessories:**

- **M10031B** 1413 ?S/cm calibration solution, 20 ml sachet (25 pcs)
- **MA9061** 1413 ?S/cm calibration solution, 230 ml bottle
- **MP810** 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. MC311 is supplied complete with MA9310 12 VDC adapter, MA812/2 EC probe, 20 mL 5000 ?S/cm sachet of calibration solution, calibration screwdriver and instructions.