

MC740



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EC Controller and Pump

Rating: Not Rated Yet

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Description

MC740

Control the EC & Fertilizer dosage in your tank AUTOMATICALLY!

The MC311 EC controller with dosing pump (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 μ S/cm calibration solution, 20 ml sachet (25 pcs)
- **MA9061** 1413 μ 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 μ S/cm sachet of calibration solution, calibration screwdriver and instructions.