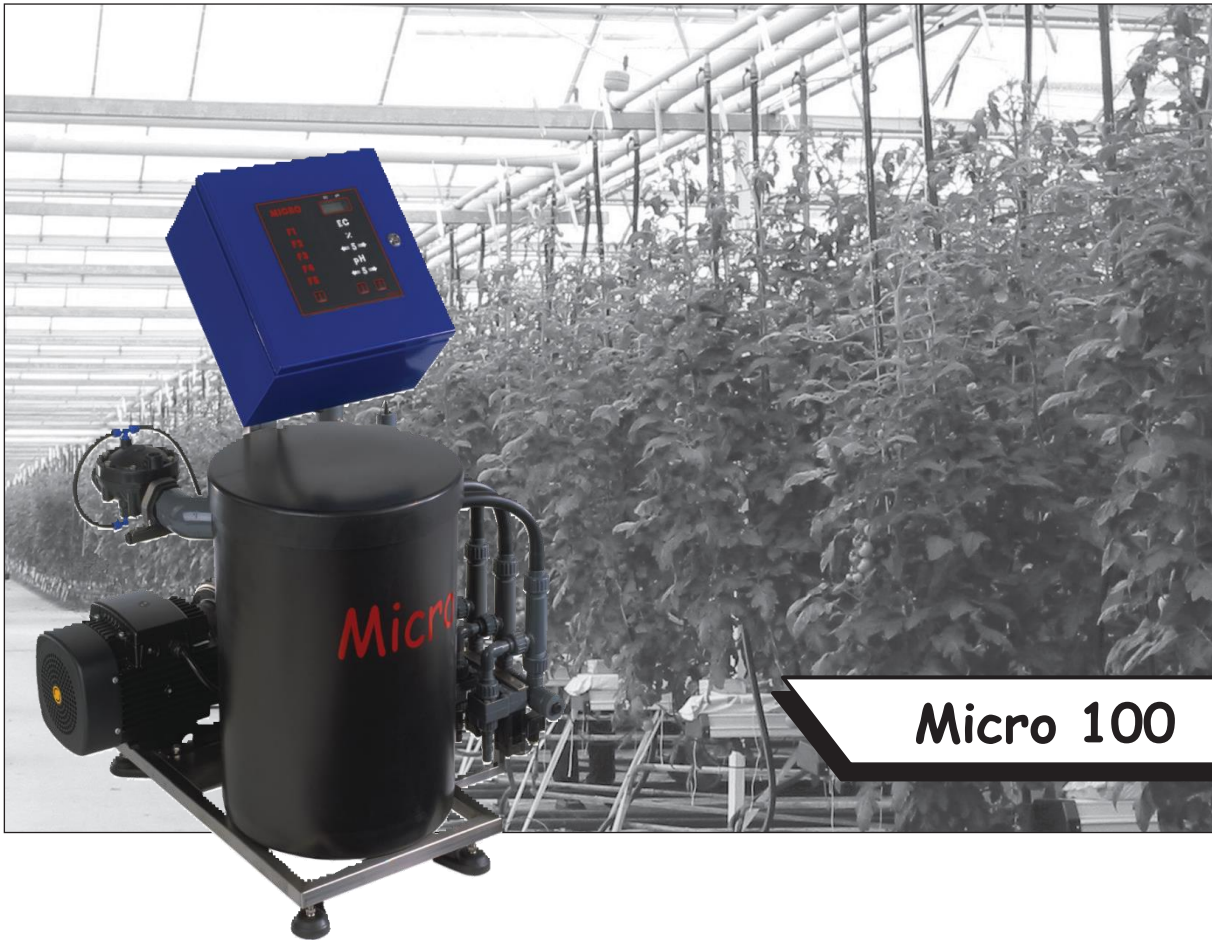


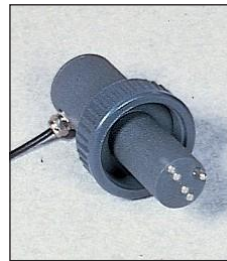
# Micro 100 Fertilizer Mixer



**Micro 100**

## Simple, safe and reliable

The Micro 100 has been developed as a cost effective, easy to use fertilizer mixer. It is aimed at the grower who wants to take the first step towards reliable, automatic control of the conductivity and pH of his fertilizer injection. The Micro 100 offers both accuracy and reliability, usually only found with more sophisticated, higher priced controllers.



The 4-point EC sensor ensures accuracy and reliability for measurement and control. The EC sensor is made of PVC and acidproof stainless steel, which is easy to clean.

## Micro 100 incorporates the following features:

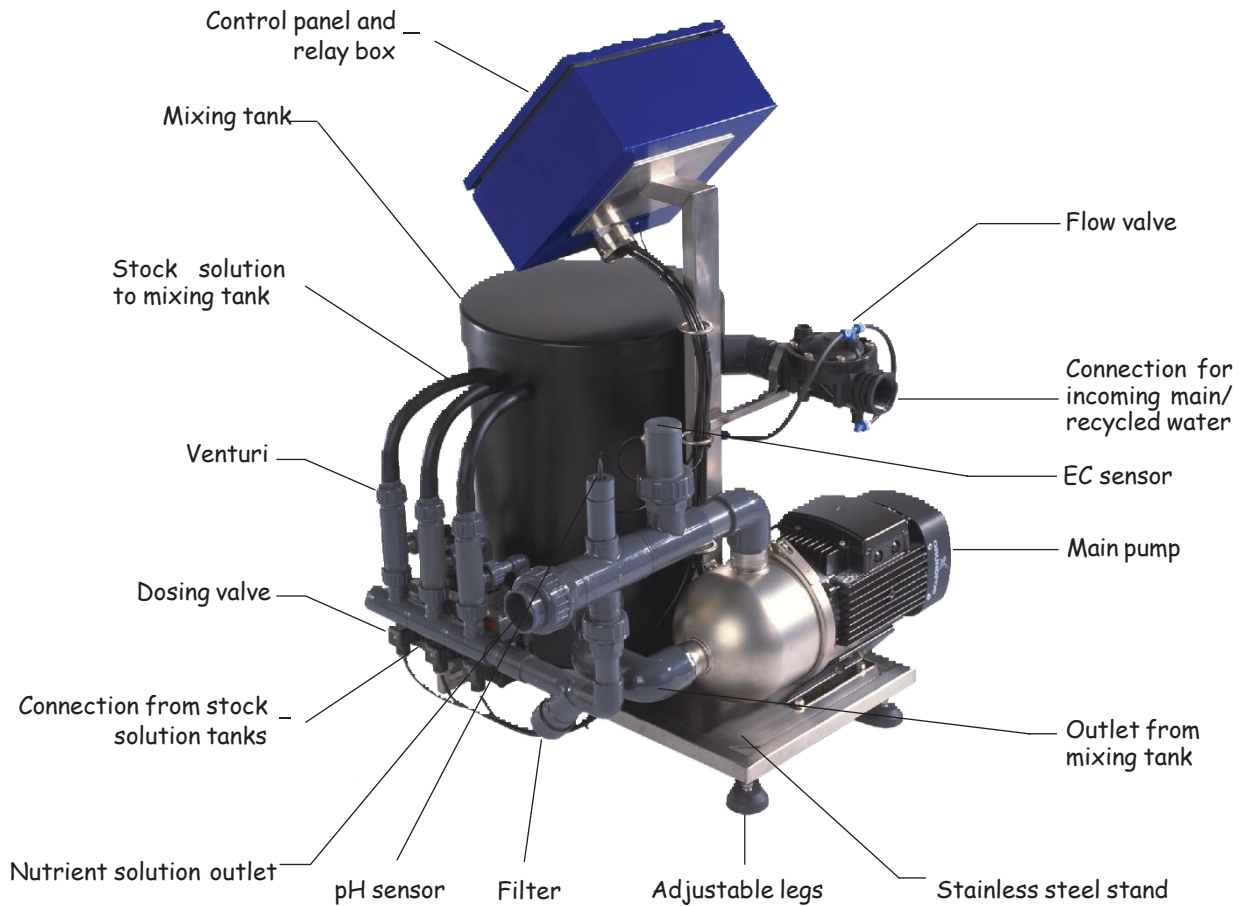
- Easy operation
- Automatic EC and pH control
- Dosing of fertilizer solutions through reliable maintenance free venturi valves
- Full high / low alarm functions on both EC and pH
- Handles 2 stock tank solutions plus acid
- 2 Fertilizer recipes
- Solid stainless steel construction
- Will connect to any existing irrigation controller
- Connects easily to recirculation systems



The simple, user friendly control panel and illuminated display makes set point entry easy.

**AVsystem**

## Technical specifications:



### Dimensions:

- Length: 650 mm
- Height: 1000 mm
- Depth: 640 mm
- Weight: 46 kg

### Power supply:

- 3 x 380V - 50 Hz - 16 A
- Other voltages and Hz values available.

### Capacity:

- 4-12 cbm/h
- Working pressure: 2-5 bar

### Full electronic inputs:

- EC-measuring: 0-4 mS
- 4-point EC sensor with temperature compensation
- pH-measuring: 4.0 - 9.9

### Full electronic outputs:

- 1 Main pump
- 3 Dosing valves
- 1 Alarm

### Output:

- 1 External pump

### Starting possibilities:

- Manual
- Pressure switch
- Irrigation controller
- Timer

### Data:

- Digital output of all values
- Built-in alarm
- Illuminated display
- Automatic re-setting after power failure

### Options:

- pH reading/control
- pH program for base
- Flow sensor
- Solar integrator

