

Micro Fertilizer mixer



Micro 400

Simple, safe and reliable

The Micro 400 has been developed to join and optimize our well-known Micro 200 and Mini 110, two quality products which have been a great success in the past decade. With this new product we have managed to maintain our top quality and well tested technology with a few improvements and this results in a new even more versatile and cost effective product.

It is aimed at the grower who wants to take the first step towards reliable, automatic control of the EC/pH in his fertilizer injection and to control his irrigation efficiently.

The Micro 400 offers both accuracy and reliability, usually only found with more sophisticated, higher priced controllers.

Micro 400 incorporates the following features:

- Easy operation
- Automatic EC and pH control
- Accurate dosing through reliable maintenance free venturi valves
- Full high/low alarm functions on both EC and pH
- Handles 4 stock tank solutions plus acid
- Control of up to 16 solenoid valves, which can be divided into 2 valve groups
- Programming of separate irrigation times for each solenoid valve
- Prioritization of valve sequence
- Output for starting irrigation pumps
- Pause function with alarm
- Memory backup in case of power failure
- Digital 2-channel timer
- Connects easily to recirculation systems



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

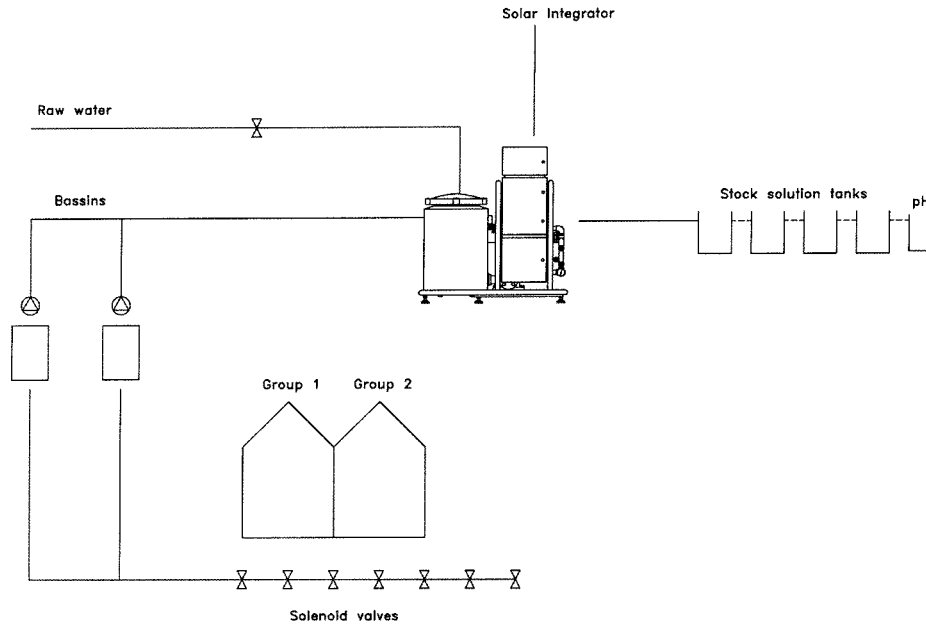


Accurate dosing of fertilizer solutions through reliable, maintenance free venturi valves and a high quality solenoid valve.

AVsystem

A part of Danvan Group

Technical specifications:



Dimensions:

- Length: 800 mm
 - Height: 1200 mm
 - Depth: 1000 mm
 - Weight: 110 kg
- (Depends on the pump type)

Power supply:

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

Capacity:

- 10-32 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
- 4 Dosing valves for EC
- 1 Dosing valve for pH
- 1 Alarm

Output:

- 1 External pump

Starting possibilities:

- Manual
- Pump
- Pressure switch
- Irrigation controller
- Digital 2-channel timer

Data:

- Digital output of all values
- Built-in alarms
- Illuminated LCD displays
- Automatic re-setting after power failure

Options:

- Fertilizer recipe 2
- Serial interface
- Raw water dosage
- Flow regulation
- pH program for base
- Pause period between each valve (from 1-99 min.)

Relay outputs for Mini:

- 16 Solenoid valves 24V AC or 24V DC
- 2 Reservoir pumps

Irrigation possibilities:

- Controls 16 solenoid valves
- 2 irrigation groups
- Irrigation time per valve 1-99 min.
- Prioritization of valve sequence
- Solarimeter
- Tensiometer

