

Sercom MixMaster

The customized irrigation unit

The MixMaster is a modern and userfriendly irrigation- unit. The heart of the unit is a SERCOM controller. You can choose between a low-priced standard product ; the MixMaster SC720 , or a completely self-defined irrigation- unit ; the MixMaster SC820.

Operation

The MixMaster SC720 must be operated with a LCD operating system. The MixMaster SC820 can be operated with SercoVision which is installed on a Windows based PC. On request a LCD operating system can be added in the network also.



User Friendly

Own choice of pump

EC and pH guarding

Large choice of sensors

Low maintenance

Ideal mixing

Up to 300 taps

Capacity

The MixMaster SC720 has a fixed configuration that it is suitable for smaller greenhouses and field production companies up to 10 ha. This unit contains a maximum of four dosing pumps for the dosing of concentrated fertilizers and one dosing pump to add acid / base to the mixing vessel. Up to 24 valves can be connected to this unit . The maximum amount of water you can transport is 10 m³/hour.

The SC820 MixMaster is equipped with a free programmable configuration (to be programmed by the dealer) so it can be adapted to your specific situation. This makes it ideal for the larger horticultural farms . This unit contains a maximum of 16 dosing pumps for dosing concentrated fertilizers and one dosing pump to add acid / base to the mixing vessel. Up to 300 valves can be connected. With the MixMaster SC820 you can transport up to 60 m³/hour depending on the (locally available) pump you choose.



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Sensors

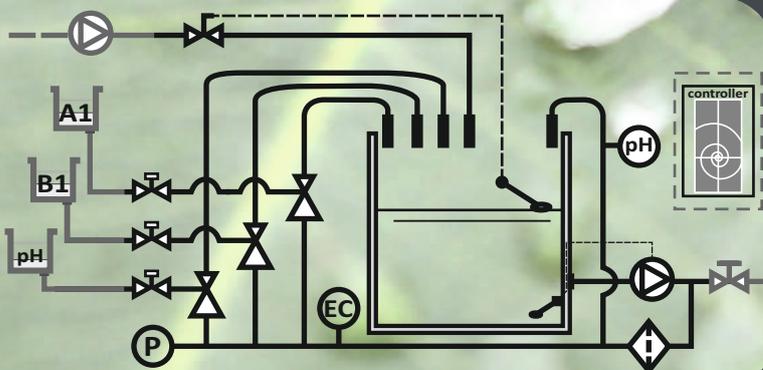
On the MixMaster SC720 you can install a light sensor, a WCM meter or a weight sensor. With this sensors the operator can influence automatically the watering time , the time between the dosing periodes and the EC-level of the watering. Also a flow sensor and a level measurement added to the vessels with concentrated fertilizers are possible options. On the MixMaster SC820 it's also possible to work with drain-measurement , a rain sensor and other sensors which generate an external contact to start/ (temporary) stop the watering.

Guarding EC and pH

The MixMaster SC720 has a single EC- measurement and pH measurement to guard the composition of the nutrient solution which is flowing to the plants.



Schematic representation



Guarding EC and pH

The Mixmaster SC820 has the added security of double EC-measurement and double pH measurement so this will give an alarm also when you have sensor working incorrect .

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