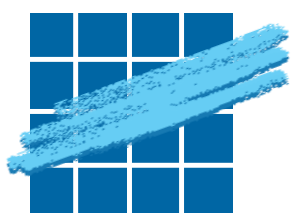


XILEMA, the intelligent fertigation



XILEMA

The **XILEMA** Fertigation Systems manage the fertilizer's dose in the water according to the pH, EC, sun radiation and water quality (depending on models).

- XILEMA** fits every need.
- XILEMA** has been technically designed in order to carry out a precise fertilizer injection.
- Thousands of **XILEMA** systems manage crops all over the world.
- A team of professionals designs, manufactures and tests each **XILEMA** system looking for a excellent final result.
- XILEMA** is easy to operate and simple to maintain.
- With the PC option you can have historical data, statistics, graphics, simple programming, etc...



STRUCTURES

NP20

Suitable for small-middle sized farms.



NP35



Suitable for middle-big farms and for a big number of injectors.

NP30

Suitable for middle-big farms and to use individualized fertilizers. Compact system perfect for long shipments.



All the systems are made in stainless steel, with hermetic switch boxes, anti corrosive materials, easy access to all the components.

The system can work with liquid fertilizers or soluble solid fertilizers.

XILEMA



DIFFERENT CONTROLLER MODELS FOR EACH NEED

XILEMA NX32/NX32pH

Configurable system

Controlling:

- 9 fertilizers each head station with the stirring system for the fertilizer tanks, auxiliary/injection pump and each one control.
- Irrigation starter by time, an external signal or the combination of up to 3 external sensors.
- Auto cleaning of up to 20 filters by pressure sensor, time, or filtered water volume.
- Situation checking and program activation by SMS.
- PC communication.
- pH and EC visualization in each head station and double pH sensor possibility (only in NX32pH models)

XILEMA NX300

Advanced system for the control and management of all kind of crops. Perfect for hydroponic and soil crops.

Controlling:

- pH and EC control with double pH sensor option.
- 7 fertilizers and acid/base with control on stirring system and auxiliary pump.
- Irrigation starter by time or by demanding tray (hydroponic crops).
- Emergency alarm for low or high pressure, EC, pH, flow, etc..
- PC communication.

XILEMA AQUA

Complete fertigation system for hydroponic and soil crops.

Controlling:

- pH and EC with double pH sensor option.
- 5 fertilizers with stirring system control, auxiliary/injection pump control and flow meter in each one of them.
- Irrigation starter by time or by external signal.
- Automatic filter cleaning for up to 5 filters by pressure sensors or by time.
- Situation checking and program activation by SMS.
- PC communication.

XILEMA STAR

Complete fertigation system for 3 pump head stations for hydroponic crops.

Controlling:

- pH and EC in each head station with double pH sensor option and automatic EC correction depending on the sun radiation.
- 9 fertilizers each head station with stirring system control, auxiliary/injection pump control and flow meter in each one of the injector.
- Irrigation and fertilization option by time and/or accumulated water volumes without flow meters.
- Automatic filter cleaning for up to 20 filters by pressure sensors or accumulated water volumes
- Intelligent water demands trays.
- EC pre-control by the mixing of up to 9 different water sources.
- Situation checking and program activation by SMS.
- PC communication.

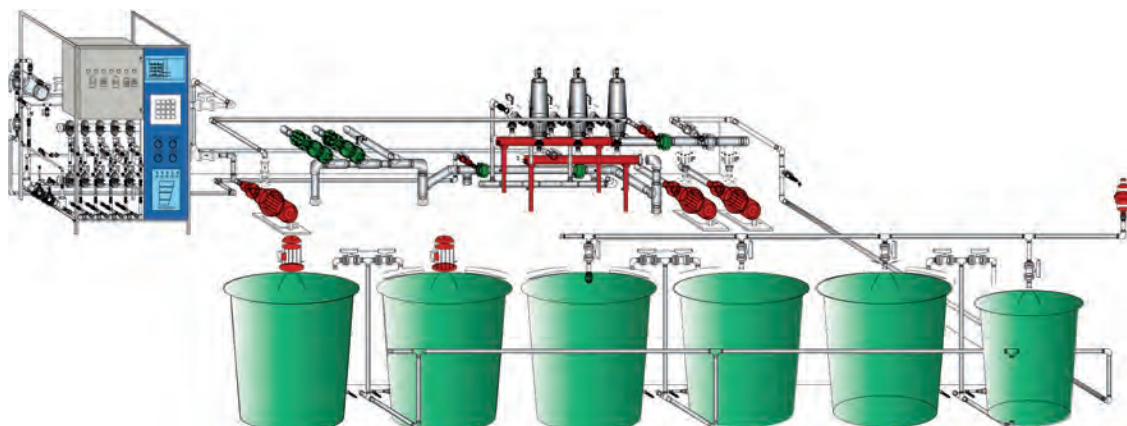


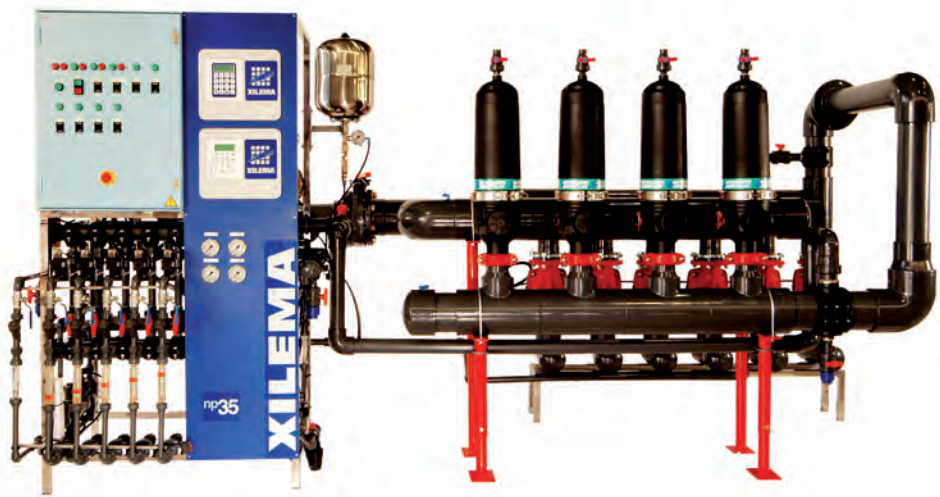
XILEMA STAR PLUS

Complete fertigation system for 3 pump head stations for hydroponic crops.

Controlling:

- pH and EC in each head station with double pH sensor option and automatic EC correction depending on the sun radiation.
- 9 fertilizers each head station with stirring system control, auxiliary/injection pump control and flow meter in each one of the injector.
- Irrigation starter by time, an external signal, radiation or the combination of up to 3 external sensors.
- Irrigation and fertilization option by time and/or accumulated water volumes without flow meters.
- Automatic filter cleaning for up to 20 filters by pressure sensors, time or accumulated water volumes.
- Intelligent water demands trays.
- EC pre-control by the mixing of up to 9 different water sources.
- Unlimited extension of the analogical inputs.
- Situation checking and program activation by SMS.
- PC communication.





DIFFERENT WAYS OF COMMUNICATION

All the Xilema Systems can be connected to a PC using Windows.

The different ways of communication are:

-RS 232 (point to point connection) This service uses a port in the computer, allowing up to 20m. wired connection.

-RS 845 (Multi-point system)
This service establishes a direct communication between the computer and one or several programmers, creating an equipment net of up to 16 machines.

-Modem, radio and Wifi system.
The sign can be up to 1 km away from the machine.

-Ethernet System.
Swift communication, advisable up to 100 m (possible to extend)

XILEMA



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