

Dosajet H is a dosing unit for fertigation and thanks to its high dosing capacity fears no rivals. It has been designed for nutrition management in big areas, both for soil and soilless cultivations.

DosaJet H can be set up for the installation in parallel with the main power pump, or directly connected to the irrigation pipe of the system.

Every project has its own peculiarity, for this reason we thought about Dosajet H as a unit that can be configured based on your necessities, it can satisfy all your needs now and in the future as well.

Stay up-to-date: with Spagnol, **your green friend!**

Injection fertigation dosing unit.

SPAGNOL Dosajet H

DESIGNED&PRODUCED BY SPAGNOL

Fertilizers dosing capacity:

- Dosajet : 1500 l/h per channel.

Valves and sensors connections:

- By normal electric cable.
- By digital S-Bus with Expansion Box.
- By long distance radio communication.



*{.....we take care of growing things,
we are designers by nature.....}*



Dosajet H

Dosajet H fertigation units are extremely versatile and can be easily configured according to the desired irrigation system: open field irrigation, soil less irrigation.

The **SWC** (soil water content) sensors for the humidity control of substrate and soil, the **Drenamatic** for the drainage control and **Gravimatic** for the irrigation management by weight, as well as many other climatic sensors, can be easily connected to the Dosajet in order to create an integrated system for the cultivation's management.

In addition to the fertigation control, Dosajet can manage the **climate in the greenhouse** in up to 4 climatic zones for 4 periods a day. In terms of nutrition and microclimate, it collects and processes a large amount of data and information, that can be subsequently processed to improve the production.

With **Vision On-Premises** and **Vision Cloud** services, the user has always the complete remote control of the entire system by smartphone, tablet or PC.



Vision

Everywhere and anytime connected.



Crop growing sensors

Drenamatic.
Gravimatic.



Greenhouse climate control

4 Climatic zones.
4 Periods per day.



Irrigation systems

Open.



Main technical data:

Fertilizer dosing capacity:	Up to 1500 l/h for each dosing channel.
Fertilizer suction channels nr.	Up to 4 / with visual flow meter.
Acid/basic suction channels nr.	Up to 1 / with visual flow meter; diluted or concentrate acid solution.
Valves command nr.	Up to 70 irrigation valves, irrigation quantity by time or volume.
EC sensors:	1 EC sensor with temperature measurement and compensation.
pH sensors:	1 pH glass electrode sensor.
User interface:	Standard industrial keyboard.
Dosage type:	Total EC / Proportional (estimated).
Irrigation Programs:	40 multi-function irrigation programs.
Type of irrigation systems:	Open loop.
Irrigation management:	Time, light sum, with SWC sensors, with drainage quantity (Drenamatic), with substrate weight (Gravimatic).
Weather station:	Weather station with sensors on request (wind / rain / temperature / humidity / solar radiation).
Greenhouse climate management:	Up to 4 zones with 4 periods per day. Command of: vents / heatings / screens / cooling / fog / Co2 / inflation.
Other programs:	Fog and antifrost system management/ filters washing / system washing.
Communication:	PC supervision by Vision On-Premises / mobile supervision by Vision Cloud.



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