

HELIX
HYDRO



TE
DOSING PUMPS

WATER CONTROLLER 3000

Irrigation and Fertigation
Controller



WATER CONTROLLER 3000

IRRIGATION & FERTIGATION - SIMPLICITY & PRECISION



SIMPLICITY IN IRRIGATION CONTROL

Control of 96 blocks through 50 irrigation programs. Easy and intuitive programming allows the user to avoid schedule problems such as valve overlaps. Automatic filters cleaning and pumps starter function are available, as well as the Watering Factor to modify the duration of all the irrigation programs.

PRECISION IN DOSING

Fertigation control by means of 48 programs, which can be linked to the watering programs. The PIO algorithm developed by ITC, can control the addition of 6 different products proportionally to water flow and simultaneously according to EC and pH set points.

REAL TIME MONITORING

- ✓ Irrigation program
- ✓ Fertigation program
- ✓ Start and left time
- ✓ Water pumps on
- ✓ Valves on
- ✓ Filters incleaning mode
- ✓ EC and pH readings
- ✓ Dosingflows
- ✓ Dosingratio (versuswater flow)



MANAGING WITH NO ADDITIONAL SOFTWARE

M2M (Machine to machine) communication gives an easy access to the controller just through the web browser of a computer. The connection can be done locally through the Ethernet port or remotely through internet. and allows the user to check and edit the configuration and programming of the controller.

TRACKING BLOCK TO BLOCK

Download a spread sheet file with the water and product consumption. The evolution of flows pH and EC readings, as well as alarms and warnings for each block of your irrigation system

4 Water Pumps



6 Filters



24-96 Valves



6 Dosing Pumps



Sensores



TECHNICAL FEATURES

Web SCADA	WEB BROWSER
RS 485 Port	COMMUNICATION GATE
Electrical Supply	V230V / 50 / 60HZ / 0,0KW
Protection	IP55

Input	1 EC
	1 FLOW METER
	1 PRESSURE
	12 FERTIGATION PROGRAMS
Output	6 4/20 mA

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