

# Technical Data



## Preassembled Systems > Direct-Injection

### > Ferticontrol PRO-FV16



Automation

#### DESCRIPTION:

#### Application

- Fertilizers and acids management, injection control by time
- Volume option by fertilizers meters
- Acid management by pH probe
- Compact and easy to install, it is the best solution for small farms

#### Specifics

- Dimensions: 130 cm height - 70 cm width - 50 cm depth
- Chassis: AISI 304 stainless steel
- Minimum working pressure: 1,5 bar
- Injection maximum pressure according to suctions numbers: 6 bar max
- Multistage horizontal cylinder block electric pump, 1,2 HP base - max 2HP 230V single-phase, parts in contact with liquids are AISI304 stainless steel
- Optional digital device with LCD display in the panel to read EC value and set an alarm
- Digital pH (8 lt/h) dosing pump - 8 bar, with LCD display, regulation proportional band according to the signal received by the pH probe (ex. pH7=pump at 100% - pH 5= pump at 0%)
- *ELECTRONICAL PANEL IN COMPLIANCE TO THE APPLICABLE REGULATIONS:*
- Dimensions: cm 40 x cm 30 x cm 15
- IP55 plastic box
- General switch lock door
- Automatic or manual keyboard selection
- LCD display for visualizing electrical data, adjustable amperometric protection and dry running
- Maximum consumption: 12Amp 230V single-phase for 2HP pump
- Fertilizers suction/pH injection/pressure max bar
- Function by time/volume
- 1 bar pressure increase option
- Version with Agronic 2500 on request

#### FV16 CONTROL UNIT IN THE PANEL TO MANAGE:

- 16 electrovalves (24V AC), 3 fertilizers by time/volume, 3 fertilizer pulse outputs, 1 pulse counter, 1 booster pump, 1 general pump or master valve, 5 digital inputs (1 irrigation meter, 3 fertilizers meters, 1 differential pressure switch), 3 outputs for filters washing control, 1 alarm output
- 2 programmable outputs with possibility to manage 2 agitators

Code	Description	Fertilizer suction	Injection pH	Press. max bar
AFE1005	Function by time	1+	1	6
AFE1006	Function by time	2+	1	5*
AFE1007	Function by time	3+	1	4*
AFE1008	Function by volume	1+	1	6
AFE1009	Function by volume	2+	1	5*
AFE1010	Function by volume	3+	1	4*

\*Option pressure boosting 1 bar  
On demand version with Agronic 2500