

ECONOMIX

Design
professionnal

The simplest fertigation equipment within the range but with the aesthetics and functionality of its seniors.

Simple dosing
system with
maximum
precision

Just like Allmix this equipment is based on a circular Venturi dosage to which flow meters can be incorporated for maximum precision dosing of fertilizers.

Flexibility to
adapt to any
plant or crop

Economix meets the needs of your plant at a competitive cost with the performance of high-end equipment.

Easy
programming

Using an intuitive and well-structured menu.

EVO.
Système
avancé

EVO, the most advanced fertigation management system. You can also choose the Economix evo version with maximum capacity in valve and fertilizer control as well as the full range of irrigation activation modes and the ability to connect any device to control irrigation and fertilization.

SYSINTA,
connectivity
and
management

SYSINTA, connectivity and management from any location . Through our SYSINTA Internet application you can keep track of your plant via your TABLET, MOBILE or PC.



ECONOMIX



ECONOMIX SPECIFICATIONS

Technical

- Power supply:
 - 3 x 230V / 400V AC + 10/-15% 50/60Hz
 - 3 x 200V 50/60Hz, 3 x 208V 60Hz (to order)
 - 3 x 460V/1 x 115V 60Hz (to order)
 - 3 x 575V/1 x 115V 60Hz (to order)
- Energy consumption:
 - Max. Electrics: 380VA
 - Max. Pumps: 40A (17KW)
- Water output min/max: Flow: 5-400 m³/h
- Water inlet: 2-7 bar
- Venturis fertilizer dosage: 5 (4+1 pH). 200, 400, 600 l/h
24V AC 2A
- Relay outputs for pumps: 3 power free contacts 24V AC 1A
- Irrigation valves: 16 power free contacts 24V AC 1A
- Alarm output: 1 power free contacts 24V AC 1A
- Digital inputs: 8 power free contacts
- Analogue inputs: 8 0-50V, 4-20mA, 0-20 mA
- Analogue outputs: -----
- PC Communication: RS232
- Communication with expansion boards: CAN, I2C

Programs contents:

- Irrigation (time, volume or signal)
- Volume Record
- CE irrigation control by increased conductivity, absolute value, proportional to flow rate and time
- CE control of different irrigation water mixtures
- CE offset by solar radiation
- Variation of CE periods with 4 time zones
- PH control
- Control of pH during pre-irrigation and flushing
- Manual irrigation valve
- Pre-irrigation and flushing
- Drain Control
- Volume Control
- Analogue signal start
- External signal start
- Interval start
- Timed start
- Solar radiation start
- Frost protection

Physical

- Operating temperature: 0-50°C
- Humidity: 0-95% HR without condensation
- Waterproofing: IP65
- Measurements: 1200x800x1450 mm
- Weight: 80kg

Economix controls up to:

- 2 pH sensors
- 3 EC sensors
- 4 Venturi fertilizer dosage
- 1 Venturi acid dosage
- 3 main pumps
- 320 valves
- 8 recirculation basins
- 10 program groups

Alarms:

- pH, absolute CE
- pH and safety CE
- flow

