

NERO

The NERO is a next generation fertilisation-irrigation management computer. An upgrade from the OSCAR, it has kept the use logic while including additional functions.

It has a colour touch screen and an embedded website providing the best browsing and the possibility of monitoring your installation remotely. Compatible with SENTINELLE, the NERO is perfectly adapted to new or refurbishment projects. Its USB port can be used for easy software updates (new version, added function).

In its superprogrammer or fertilisation computer configuration, the NERO can also be directly installed on your fertilisation frames.



FERTILISATION-IRRIGATION

- From 14 to 94 solenoid valves
- Management of up to 4 fertilisation stations (2 standard + 2 optional)
- Management of 8 static outputs for injection lines or 4 0-10V dosing pumps
- Up to 40 irrigation groups

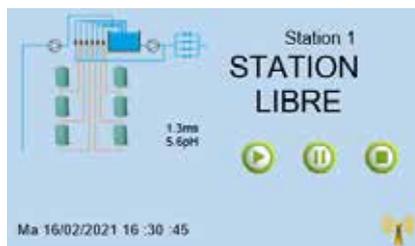
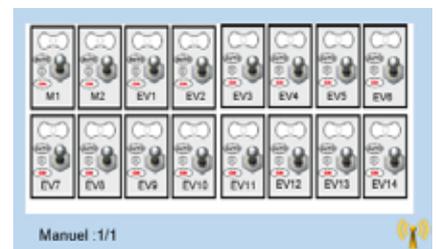
SUPERVISION

- Compatible with SENTINELLE
- Embedded website via 4G access (see page 18-19)

THE ADVANTAGES

- Station status display,
- Easy icon menu and setting access
- Value entry using a numeric keypad
- Setting backup and restore using the embedded website
- Software and configuration upgrades using a basic USB thumb drive
- Virtual manual mode: AUTO/O/MANUAL switches for the solenoid valves included on the screen

On its 5 inch colour touch screen, browsing through the NERO settings is fluid. The NERO includes one month of archives (alarms, events, statistics).



NERO: FERTI-IRRIGATION MANAGEMENT

Complete control box for 16 channels (2 motors + 14 valves)
PRO1400



Irr / Ferti station module, 1 board, 8 inputs/ 8 outputs "Venturi version"
PRO1001

Irr / Ferti station module, 1 board, 2 outputs 0 / 10 V (1 acid / 1 fertiliser)
PRO1003

Module with 16 additional channels
PRO1007

8 dry contacts inputs / 8 analogs inputs module
PRO1008

Drainage / pre-mixing module
PRO1015

Soil moisture sensor 4/20 mA
PRO1016

EC sensor, 0-10 mS / cm, screw mounting, excl. Mounting
PRO1011

pH sensor, 0-10, screw mounting, excl. Mounting
PRO1012

Interface EC sensor module, digital calibration
PRO1013

Interface PH sensor module, digital calibration
PRO1014

Paddlewheel Flow Sensors + support DN50
STD0051

FUNCTIONS

- Up to 40 groups
- Control of 6 to 94 valves
- Control of 2 to 18 motors (mastervalve, pump, stirrers, etc)
- Control of 2 stations (standard) + 2 optional
- Simultaneous or sequential valve control
- Watering by time or by volume, valve optimisation module
- Starting at fixed times, cyclically or by date
- EC and pH control:
 - Control of 6 fertilisers + 1 acid in the "venturi" version
 - Or control of up to 3 fertilisers and 1 acid in the "variable speed pump" version
 - Change to the EC according to the solarmeter
- Control of a mixing tank (filling, pre-mixing, and sunlight, draining)
- Alarm management
- Forced operation switches on every output (automatic / 0 / manual)
- Balance module with saving over 4 weeks
- Drainage and pre-mixing options available

NERO: 4G ACCESS

SIMA box
CLI1680

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2-year subscription to a secure 4G connection
CLI1662

The secure 4G connection makes it possible for you to connect to the embedded NERO web site from outside your installation from any device that has a web browser (PC, tablet and smartphone). Our services fully secure this connection and guarantee the protection of your regulator and your computer system.

Web site view



NERO: ADDITIONAL STATIONS

2 additional stations managed by the NERO
PRO1410