

Suurmond control system

Control unit for all kinds of dosing pumps. A simple and low budget solution for the precise dosing of liquids in continuous processes.



The control system has been developed as a universal solution to control fluid dosing in continuous processes.

It is equipped with an intelligent controller with touchscreen and can be adjusted for a wide range of pumps, flow meters and other sensors. With a simple and intuitive menu, the control system can be used for any dosing process where stable and accurate fluid dosing is beneficial.

2 types are available:

SUURMOND CONTROL	Type 1	Type 2
Touch screen display	4.3 inch	4.3 inch
Analogue inlet	2x (0)4 – 20 mA/ 0(2) - 10Vdc	2x (0)4 – 20 mA/ 0(2) - 10Vdc
Encoder 30 kHz, 32-bit	1x	1x
Temperature PT100/TC	2x	2x
Digital input	12x	12x
Analogue outlet	2x 0-10 Vdc/ 4 - 20 mA	2x 0-10 Vdc/ 4 - 20 mA
Relays contacts	8x NO	8x NO
Power supply	1x 24Vdc	1x 24Vdc
IO expansion modules	No	Yes

The use of the Suurmond control system

The Suurmond control system is an operator-friendly device that enables fast commissioning and easy operation by touch screen and buttons.

Continuously dosing is possible, independent of the flow or control sensor. That means a simple realisation of many different dosing applications.

E.g. control/filling of volumes, masses, pressures, etc.



Examples of application areas

- Continuous dosing
- Low flow dosing
- Dosing and filling

Advantages

- Applicable for all pumps with pulsation-free characteristics
- Variable speed drive
- No dependency on liquid viscosities
- Special interfaces on request

Are you looking for more advanced solutions?

Let's talk!

