



product data sheet

ViscoDos-4000-2K Touch

description



The ViscoDos-4000-2K dosing control is used to control two ViscoTec dispensers with DC motors in a fixed mixing ratio. The control is based on a microprocessor control with a 5,7" VGA TFT - colour display.

All the process parameters can be set on the display:

- mixing ratio (in volume)
- dosing volume (in ml)
- output (in ml/s)
- rinse shot (in ml)

All process-relevant parameters are monitored:

- pot life
- rinse shot
- time to next rinse shot
- max. number of rinse shots
- tank level of rinse shots
- tank level of material supply
- actual pressure in each component
- all faults are displayed in plain text on the display

Monitoring of the feeding systems is also integrated.

application

- control of two dosing pumps in a defined mixing ratio in volume
- integration into production cells
- connection to robot or axis systems
- integration in superior control possible (hardware or Profibus)

technical data

| | |
|--------------------------------|--|
| electrical data (power supply) | 230 V, 16 A, 50 Hz (D/Dm) / 3x400 V, 16 A, 50 Hz (DTg) |
| control cabinet size (wxdxh) | 600x800x250 mm (D/Dm) / 600x1000x250 mm (DTg) |
| housing | steel, varnished RAL 7035 |
| protection class | IP 54 |



item information

continuous process control

- level monitoring component A and B: min. and premin. (potential free contacts)
- primary pressure monitoring analog or digital with control of product supply
- pressure monitoring component A and B (overpressure, pressure build-up with analog sensor 0.1-10 V)
- signal/alarm indicator: signal lamp in the door, potential-free contacts, external acceptance, optional signal traffic light
- counter for the number of doses and hours of operation with adjustable maintenance message

hardware

- control cabinet size (wxdxh): 600x800x250 mm for ViscoPro-D/-Dm / 600x1000x250 mm for ViscoPro-DTg
- optional: external control panel 300x600x120 mm with cable set to control cabinet
- control cabinet material: steel, lacquered RAL 7035
- cable outlet: bottom centre
- main switch
- manual button: start (key button); manual A; manual B; reset/release
- selector switch (key button); manual, automatic, calibration

display in control cabinet door for parameter adjustment

- mixing ratio
- dosing time/dosing speed
- dispenser calibration
- pot life/pot life control/rinse shot volume
- time until the next rinse shot
- max. number of rinse shots
- all faults displayed in plain text

scope of delivery

- dosing control ViscoDos-4000 2K Touch with control panel
- operating manual

necessary and optional components

- dispensers required for dosing (see separate data sheet)
- ViscoDuo-V
- material supply, e.g. ViscoTreat- or Visco-MT series

item no.

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|--|--------|
| ViscoDos-4000-2K Touch with integrated control panel for ViscoPro-D/-Dm 600x800x250 mm | 151504 |
| ViscoDos-4000-2K Touch with integrated control panel for ViscoPro-DTg 600x1000x250 mm | 151617 |
| ViscoDos-4000-2K Touch with external control panel for ViscoPro-D/-Dm 600x800x250 mm | 151597 |
| ViscoDos-4000-2K Touch with external control panel for ViscoPro-DTg 600x1000x250 mm | 151616 |
| control panel 300x600x120 mm | 151598 |
| cable set control to control panel 3 m | 151613 |
| cable set control to control panel 5 m | 151614 |
| cable set control to control panel 10 m | 151599 |
| cable set control to control panel 30 m | 151615 |