



product data sheet

ViscoDos-2K-V/-2K-P

description



The ViscoDos-2K-V/-2K-P dosing control is used to control two ViscoTec dispensers with DC motors in a fixed mixing ratio. The control is based on a touch panel 8.4" SVGA-TFT.

All the process parameters can be set on the display:

- mixing ratio (in volume)
- dosing volume (in μl)
- output (in $\mu\text{l/s}$)
- rinse shot (in μl)

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
- pressurization control for dosing pressure

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/Dm2)
control cabinet size (wxdxh)	400x500x210 mm (D/Dm/Dm2)
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): 400x500x210 mm for ViscoPro-D/-Dm/Dm2
- optional bus interface
- control cabinet material: steel, lacquered RAL 7035
- cable outlet: bottom
- main switch
- manual button: start (key button); manual A; manual B; reset/release
- selector switch (key button); manual, automatic, calibration
- outgoing cables pluggable

display in control cabinet door for parameter adjustment

- mixing ratio
- dosing volume/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, current / history

scope of delivery

- dosing control ViscoDos-2K-V/-2K-P 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