



product data sheet

ViscoDuo-V Tabletop Unit

description



The ViscoDuo-V tabletop unit is a compact two-component dosing system which is supplied ready to dose. Fitted on a profile frame the valveless 2-component ViscoDuo V mixing head with integrated dispensers, a 2-component dosing control and display. The 2-component mixing head is completely valveless. The components to be mixed are dosed by volume only into the static mixer via the dispensers. Product can be fed either from a pressureless cartridge or from a separate pressure tank or emptying systems.

- low supply pressure required
- adjustment of mixing ratio by dispenser size with further adjustment by speed ratio of both dispensers
- integrated sensors in each component (no dead space) for online process monitoring
- reverse-flow possible (no dripping or stringing of product)
- linear relation between drive speed and dosing volume
- constant dosing volume, even with density or viscosity changes due to temperature or batch change
- easy programming of quantity and speed in combination with the drive

application

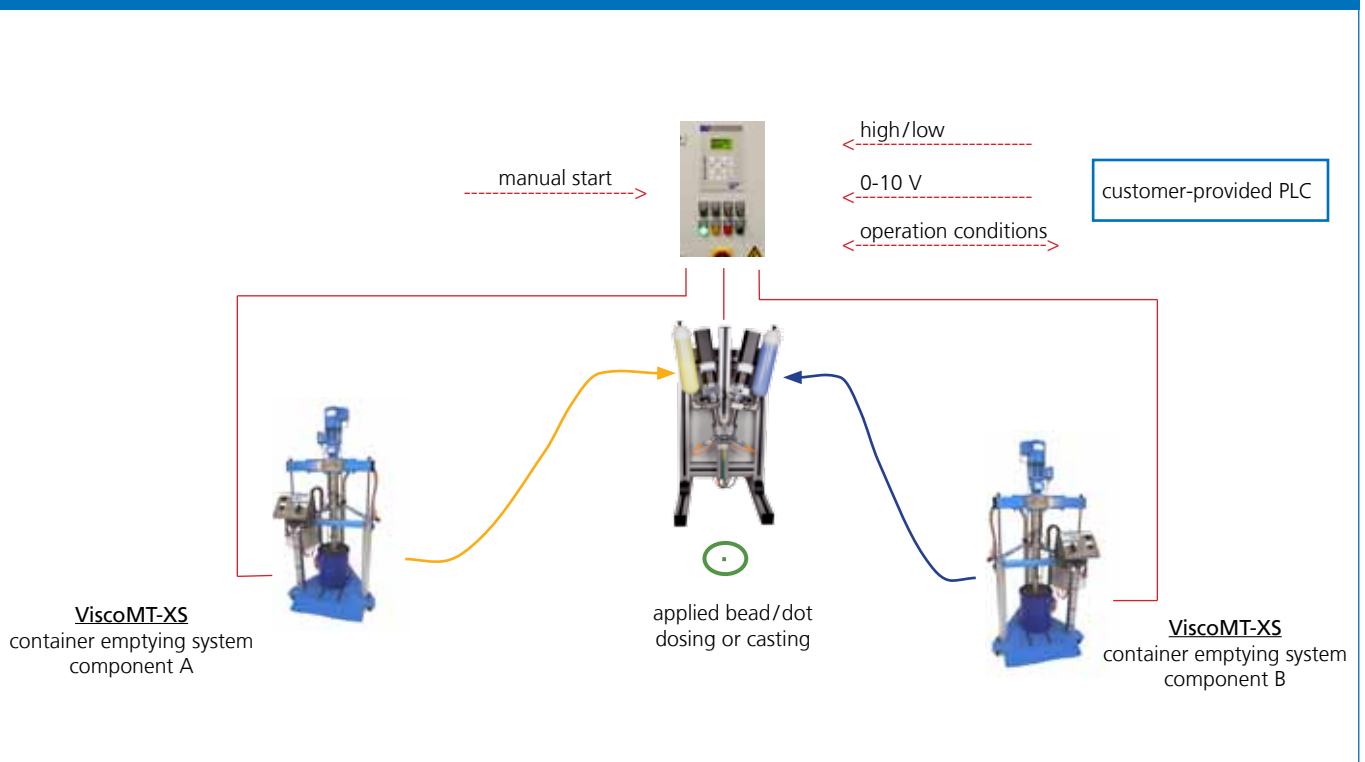
- static mixing of two components of same or different viscosities
- suitable for potting dot or bead applications
- suitable for 2-component adhesive systems based on: epoxy resin (EP), polyurethane (PU), silicone (Si)
- application of high-content gap fillers and thermal compounds
- mixing of two colours
- as tabletop unit for simple manual workstations as well as for integration into existing systems

technical data

dimensions (wxdxh)	approx. 600x400x800 mm
weight without material	approx. 40 kg
power supply	1 Phase, 120/230 V, 47...63 Hz
power input	max. 400 W
protection class	IP 20



system example



item information

scope of delivery

- ViscoDuo-V, assembled with two dispensers and two sensors
- drive unit with DC, or synchronous servo motor and planetary gears
- 2-component dosing control with integrated PLC and display
- robust profile frame for tabletop mounting
- plug set with cable, 3 m length
- foot switch with cable, 3 m length
- maintenance manual

necessary and optional components

- monitoring of material feed
- emptying systems for material supply