



product data sheet

# Dispenser 3RD4-EC

## description



This compact ViscoTec dispenser achieves a precise, consistent and reliable dosing of a wide variety of materials. Thanks to the special rotor-stator geometry, a valve to prevent material from automatically flowing out is not required. Alternately opening chambers allow the gentle transfer and pulsation-free dispensing of product. Especially developed for simplified cleaning (Easy Clean) and maintenance.

- dosing volume: 0.05 ml/rev.
- reverse-flow possible (no dripping or stringing of product)
- linear relation between drive speed and dosing volume
- constant dosing volume, also with density or viscosity fluctuations
- reliable dosing even without heating the material
- low maintenance
- quick assembly
- time and cost saving maintenance and cleaning
- as dosing system with ViscoPro-Cm drive: easy programming of quantity and speed (see separate data sheet)

## application

- dot or bead application, variable quantities possible
- suitable for all adhesives and sealants
- for low to high-viscosity fluids
- particularly suitable for abrasive, high-filled or shear sensitive material

## technical data

dosing volume	~ 0.05 ml/rev.
volume flow	0.5 - 6.25 ml/min**
min. dosing quantity	0.004 ml*
dosing accuracy	+/- 1 %***
operating temperature	+10° to +50 °C
material temperature	+10° to +50 °C*
max. speed	125 rpm*
max. permissible torque	1 Nm
max. dosing pressure	20 bar*
max. supply (input) pressure	10 bar*
weight	approx. 250 g

## item no.

3RD4 dispenser without drive VisChem	137054
3RD4 dispenser without drive VisLas	161512

\*depends on material

\*\*Volume flow depends on viscosity and primary pressure

\*\*\*Volumetric dosing as absolute deviation in relation to one dispenser revolution.

Depends on the viscosity of the dosing medium.

