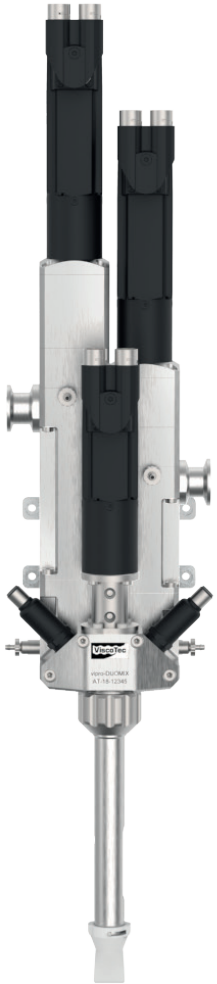
PRODUCT DATA SHEET

ViscoTec 2C dispenser vipro-DUOMIX

- Modular setup with five different available dispenser sizes on each side
- Compact design with parallel arrangement of dispensers
- Static-dynamic mixing of two materials with same or different viscosities, extreme mixing ratios, high pressure sensitivity and compressibility
- Adjustment of the desired mixing ratio by independently adjusting the speeds of both dispensers
- Volumetric dispensing, regardless of viscosity
- For low to high viscosity materials
- Particularly suitable for abrasive, filled or shear sensitive materials
- Continuous dosing, pulsation free
- Interior non-stick coated
- Linear relation between dosing volume and rotation speed
- Programmable suck-back prevents dripping or stringing of product
- Long lifetime due to low wear
- Cracks of the mixing elements are detectable by monitoring the torque of the motor
- Easy cleaning and maintenance due to quick assembly and disassembly options
- Mixing ratio 1:1 - 100:1
- Max. weight incl. motors (for combination 510/510): 8 kg



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Technical Data	vipro-PUMP 12	vipro-PUMP 35	vipro-PUMP 110	vipro-PUMP 170	vipro-PUMP 510
Type	4RD6-EC	3RD8-EC	3RD10-EC	3RD12-EC	2RD12-3D-EC
Dosing volume (ml/rev)	~ 0.12	~ 0.35	~ 1.15	~ 1.7	~ 5.0
Max. volume flow (ml/min) (2)	15	44	144	212	650
Min. dosing volume (ml) (1)	0.01	0.03	0.09	0.14	0.42
Max. dosing pressure (bar) (1)	30	30	30	30	20
Inlet pressure (bar) (1)	20	20	20	20	15
Dosing accuracy (%) (3)	± 1	± 1	± 1	± 1	± 1
Repeatability (%) (1)	> 99	> 99	> 99	> 99	> 99
Operating temperature (°C)	10 - 40	10 - 40	10 - 40	10 - 40	10 - 40
Material temperature (°C) (1)	10 - 80	10 - 80	10 - 80	10 - 80	10 - 80
Max. rotation speed dispenser (U/min) (4)	125	125	125	125	125
Max. rotation speed mixer (U/min) (4)	800	800	800	800	800

(1) Depends on material.
(2) Depends on viscosity and primary pressure.
(3) Volumetric dosing as absolute deviation in relation to one dispenser revolution. Depends on the viscosity of the material.
(4) Higher speed causes increased wear.

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