ECO-PEN-DUO VOLUMETRIC SYSTEM

Precise volumetric dosing system for two-component materials

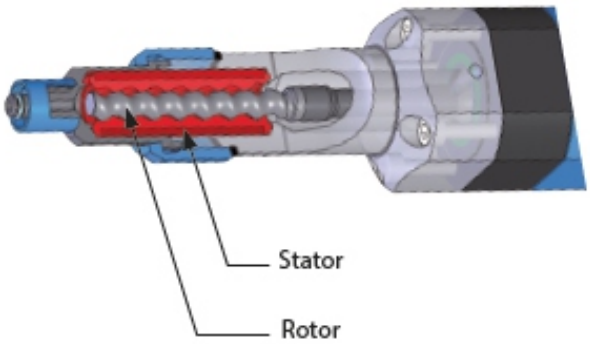
- Actual volumetric dosing
- Dosage independent of viscosity
- Dosing independent of inlet pressure
- Pressure tightness
- The effect of backward movement
- Easy to clean
- Adjustable dosing quantity
- Dosing outlet pressure up to 40 bar

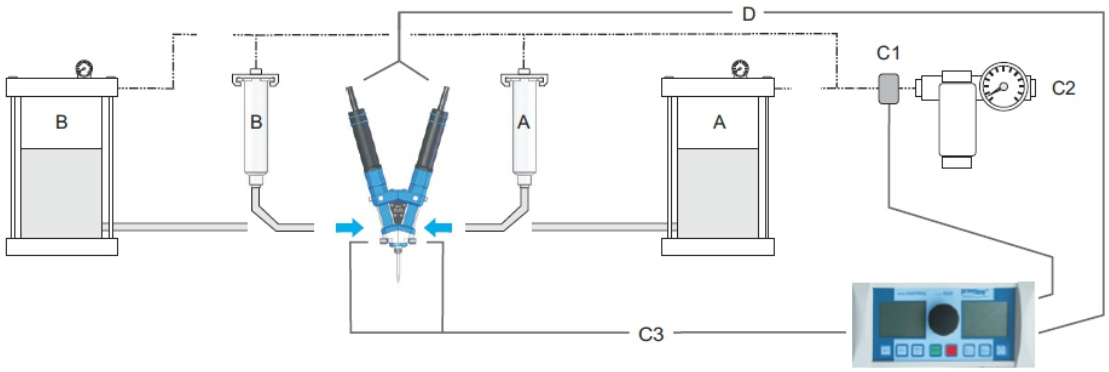
ECO-PEN-DUO

The preeflow® eco-DUO600 is a rotating, completely pressure-tight that achieves the conveyance through controlled rotation of the rotor. Conveyance without changing the medium is guaranteed. Since the conveyance allows to operate backwards, preeflow® guarantees a clean, controlled material/medium extraction without dripping.

How does it work?

The eco-CONTROL EC200-DUO control unit offers a wide range of applications for
two-component applications. The control takes place by means of an intuitive user guide via the graphical interface of the control unit, by means of which it is possible to set the dosing quantity, the mixing ratio and the dosing time. All of them
parameters can be saved and changed again at any time. Integrated monitoring of the medium outlet pressure guarantees optimal process safety of this system.





TECHNICAL DATA:

	eco-DUO330	eco-DUO450	eco-DUO600
Weight (without drive)	ca. 1.100 g	ca. 1100 g	ca. 1600 g
Material input	1/8"		1/4"
Material output	static mixer pipe bayonet lock		
Operating pressure	0 to 20 bar inlet pressure		
Maximum operating pressure(4)	up to 40 bar		
Wetted part materials	anodized aluminum		
Seals	high molecular weight PE, VisChem		
Seals static	O-Ring Viton		
Drive	18 to 24 V DC, incremental encoder, planetary gear		
Operating conditions	+10° C to +40° C (Ta.), air pressure 1 bar		
Material temperature	+10° C to +40° C		
Dispensing volume approx. per revolution	0,028 ml/U per Dispenser	0,05 ml/U per Dispenser	0,140 ml/U per Dispenser
Dispensing accuracy(2)	± 1 %		
Repeatability	> 99 %		
Mixing ratio	1:1 to 10:1		
Smallest dispensing	0,005 ml / 5 µ	0,01 ml / 10 µ	0,03 ml / 30 µ
Volume flow(3)	0,1 to 6,6 ml/min (at 1:1)	0,2 to 12 ml/min	0,6 to 32 ml/min