

Micro dispensing in perfection!

preeflow®
by ViscoTec

Micro dispensing in perfection!

eco-PEN450



Min. dosing quantity: 0.004 ml
Adj. volume flow: 0.5-6.0 ml/min
Weight: approx. 410 g
Art-No: 20092

eco-PEN300



Min. dosing quantity: 0.001 ml
Adj. volume flow: 0.12-1.48 ml/min
Weight: approx. 380 g
Art-No: 20505

eco-PEN600



Min. dosing quantity: 0.015 ml
Adj. volume flow: 1.4-16.0 ml/min
Weight: approx. 750 g
Art-No: 20048

2008
Founding preeflow® brand and
market entrance with eco-PEN450
and 600

2009
Market entrance eco-PEN300



The preflow® product family at a glance
for your 1-component and 2-component applications

eco-DUO450

Min. dosing quantity:	0.010 ml
Adj. volume flow:	0.2-12.0 ml/min
Weight:	approx. 1,100 g
Art-No:	20639

eco-PEN700

Min. dosing quantity:	0.060 ml
Adj. volume flow:	5.30-60.0 ml/min
Weight:	approx. 750 g
Art-No:	20723

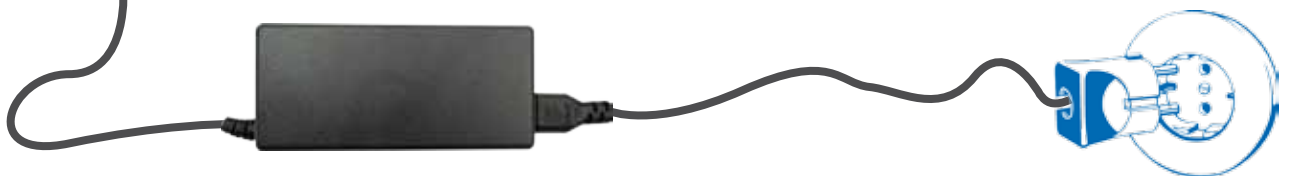
2011
Market entrance eco-DUO450

2011
Market entrance eco-PEN700

Standstill?
Our technology
does not step back!

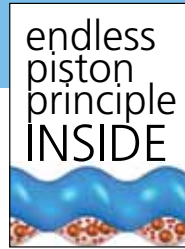
	<p>eco-CONTROL DUO</p>  <p>2K-Table top device LxWxD: 240x110x210 mm Art.-No: 20641</p>	<p>eco-CONTROL EC200-B</p>  <p>1K-Cabinet device LxWxD: 197x88x240 mm Art.-No: 20121</p>
	<p>eco-CONTROL EC200-K</p>  <p>1K-Table top device LxWxD: 240x100x260 mm Art.-No: 20120</p>	<p>Plug`n`Dose</p>  <p>Universal Controller LxWxD: 142x85x50 mm Art.-No: 20462</p>

Plug`n`Dose®















pre@flow®
by ViscoTec

The Endless-Piston-Principle® is a leading edge technology which delivers compelling benefits.



Main features of our high-precision dosing systems:

- | | | |
|----------------------------|---|---|
| Pure volumetric dosing |  | Endless-Piston-Principle® Inside |
| Very wide viscosity range |  | watery to highly viscous liquids |
| Easy to clean |  | short and easily accessible fluid path |
| Exact volume control |  | independent of pressure, temperature and time |
| Reproducible results |  | dosing accuracy $\pm 1\%$ |
| High repeatability |  | more than 99% |
| Liquids containing fillers |  | maximum particle size 1 mm |
| Rapid dosing |  | up to three shots per second |
| All-purpose |  | easy to integrate in machines |
| Pulsation free |  | gentle product handling |
| Pressure stable |  | self-sealing displacement system |
| Reversible material flow |  | no stringing or dripping |

The dosing principle of preeflow® dispenser is an endless-piston dispenser (see diagram).

This special dosing geometry allows an endless and pulsation-free dosing flow. The possibility of reversing the dosing flow (suckback) will prevent dripping and leads to control of media stringing or dripping.

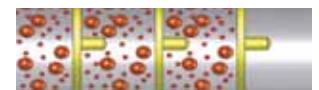
Especially sensitive materials with high viscosity and fillers experience a gentle treatment due to the low shear stress and the low pressure.

Therefore, it is: Many tasks – one principle!

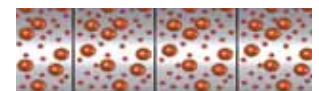
Whether dosing, filling, feeding, emptying or preparing with preeflow® you always make the right decision!



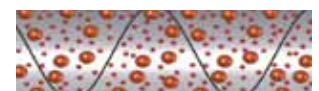
Just imagine a piston.



Or even better, several pistons behind each other..



Now we'll make the wall...



...and change the piston shape slightly.



Already we've got the endless-piston-principle!

PHOTOVOLTAIC

MEDICAL TECHNOLOGY

OPTIC & PHOTONICS

SMD/SMT

ELECTRONIC COMPONENTS

LABORATORY

SEMICONDUCTOR MANUFACTURING

LCD/LED

BIOCHEMISTRY

preeflow[®]

by ViscoTec

- e**asy dosing technology
- e**asy Handling, easy Dispensing
- e**xact, precise dosing
- e**ffective dosing
- e**conomic, saves up to 30% of the dosing medium

info@preeflow.com | www.preeflow.com

Specialized dealer

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better bonding from intertronics

Unit 17 Station Field Industrial Estate
KIDLINGTON

Oxfordshire, OX5 1JD, ENGLAND

Tel: 01865 842842 Fax: 01865 842172

www.intertronics.co.uk



ViscoTec Pumpen- und Dosiertechnik GmbH
Business Unit Components & Devices

Amperstraße 13
D-84513 Töging a. Inn

Tel.: +49 (0) 8631 – 9274-0
Fax: +49 (0) 8631 – 9274-300

ViscoTec