

Preeflow  
1k

**POLY DISPENSING SYSTEMS**  
S Y S T E M E S   D E   D O S A G E   I N D U S T R I E L

122, Chemin de la Cavée - 78630 Orgeval • [contact@polydispensing.com](mailto:contact@polydispensing.com) • Tél : 01.39.62.40.92  
[www.polydispensing.com](http://www.polydispensing.com)

## Preeflow

### Specifications

#### Eco-PEN 300

- Min. dosing quantity  
0.001 ml
- Volume flow  
0.12 – 1.48 ml/min.
- weight approx. 380 g

#### Eco-PEN 450

- Min. dosing quantity  
0.004 ml
- Volume flow  
0.5 – 6.0 ml/min.
- weight approx. 410 g

#### Eco-PEN 600

- Min. dosing quantity  
0.015 ml
- Volume flow  
1.4 – 16.0 ml/min.
- weight approx. 750 g

#### Eco-PEN 7003D

- Min. dosing quantity  
0.060 ml
- Volume flow  
5.3 – 60.0 ml/min.
- weight approx. 750 g



## Preeflow 1K Controllers

#### Eco-CONTROL EC200-K

- Quantity program
- Start/stop program
- Time program
- Teach-in function (external or via GPS)
- Calibration
- Desired-volume display in Grams or Millilitres
- Dosage flow rate display in Millilitres per Minute or Grams per Minute
- Empty signal for containers (internal, external)
- Storage of PDM-supported dosing programs
- Desired-pressure and actual-pressure display in Bar or Psi
- Digital clock



#### Plug'n'dose

The preeflow Speed Control 'plug'n'dose' AM control unit has been developed specifically for applications in automation.



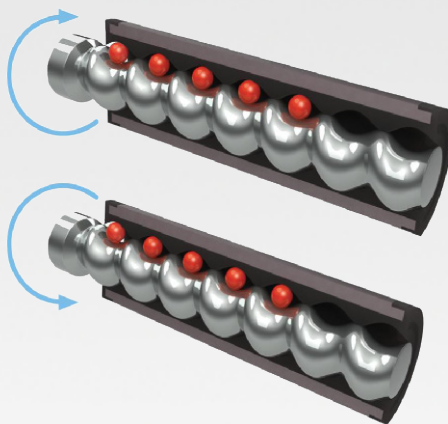
## Technology

The dosing principle of preeflow Dispenser is an endless piston dispenser.

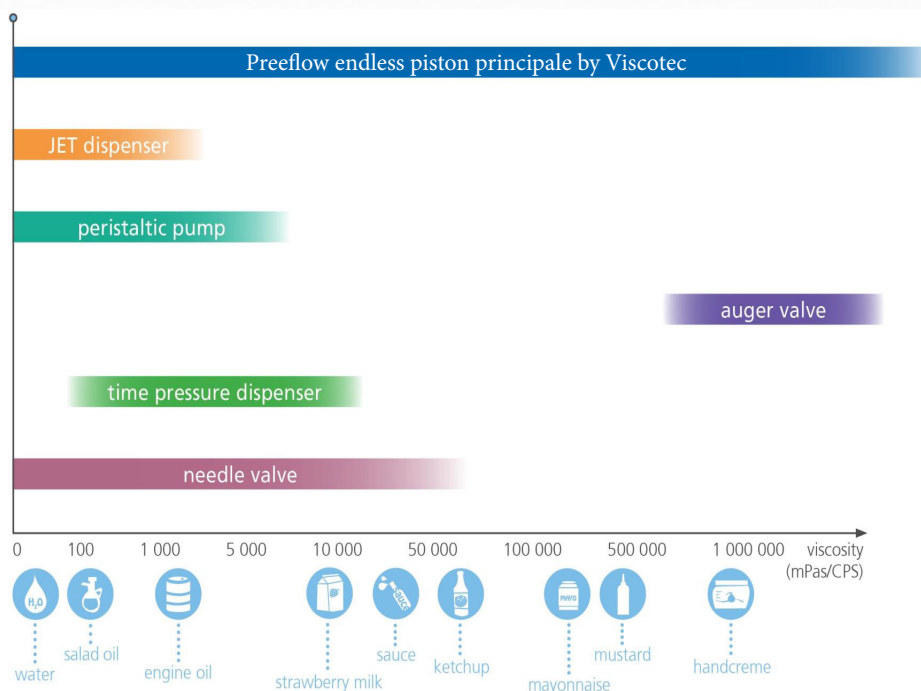
This special dosing geometry allows an endless and pulsation free dosing flow.

The possibility of reversing the dosing flow (suckback) will prevent from dripping and leads to a perfect control of media stringing or dripping.

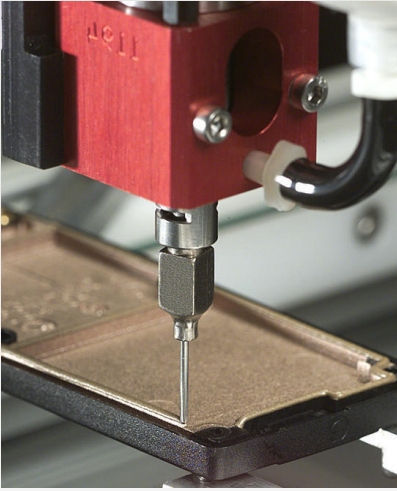
Especially sensitive fluids with high viscosity and fillers inside experience a gentle treatment due to the low shear stress and the low pressure.



Dosing technologies in use :



## Poly Dispensing Systems



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need

FRANCE - SWITZERLAND  
NORTH AFRICA

Poly Dispensing Systems  
122, Chemin de la Cavée  
78630 Orgeval

FRANCE

☎ + 33 (0)1 39 62 40 92

📠 + 33 (0)1 39 62 40 94

[www.polydispensing.com](http://www.polydispensing.com)

BELGIUM- NETHERLANDS  
LUXEMBOURG

Gentec Benelux  
Rue de L'Industrie, 12  
B-1400 Nivelles

BELGIQUE

☎ +32 2 351 1800

📠 +32 2 351 1962

[www.gentec-benelux.com](http://www.gentec-benelux.com)

- NON CONTRACTUAL DOCUMENT -

# POLY DISPENSING SYSTEMS

S Y S T E M E S   D E   D O S A G E   I N D U S T R I E L

122, Chemin de la Cavée - 78630 Orgeval • [contact@polydispensing.com](mailto:contact@polydispensing.com) • Tél : 01.39.62.40.92

[www.polydispensing.com](http://www.polydispensing.com)