

Dosing technology

Dosing system

preeflow® *eco-CONTROL EC200-K*

by ViscoTec



Backlit display

Start & stop keys

Plastic housing, stackable

PRODUCT DESCRIPTION

The new and innovative *eco-CONTROL EC200-K*, made by ViscoTec offers a wide range of applications for the precision volume dosimeter of the *eco-PEN series*.

THEORY OF FUNCTION

Microprocessor-controlled. User-friendly. Without submenus but supported by graphics. Monitoring of the preset primary pressure and digital display in Bar or Psi. Monitoring of fill level and motor current alarm messages. Easy connection via I/O port to PLC of external signals for automated line control. Supports the storage of a wide range of dosing programs.

FUNCTIONS / PROGRAMS

- 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



Connection for dispensers 1 and 2
 Connection for empty-signal sensor
 Connection for foot switch
 Terminal strips for interfaces
 RS232 interface

Primary pressure controller
 Digitally monitored
 Selection of units display in Psi and Bar

SD Card, 24 max
 Dosing programs readable and
 writable with Microsoft
 operating system

TECHNICAL FEATURES

Control of two precision volume dosimeters of the *eco-PEN series* is possible with an additional SD-card.

Easy and user-friendly menu navigation

Plastic film keyboard with LED status displays



Quantity program

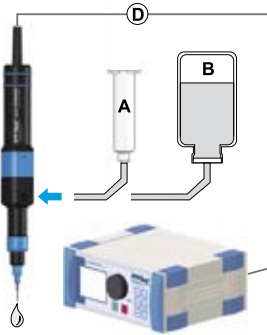
Start & stop program

Time program

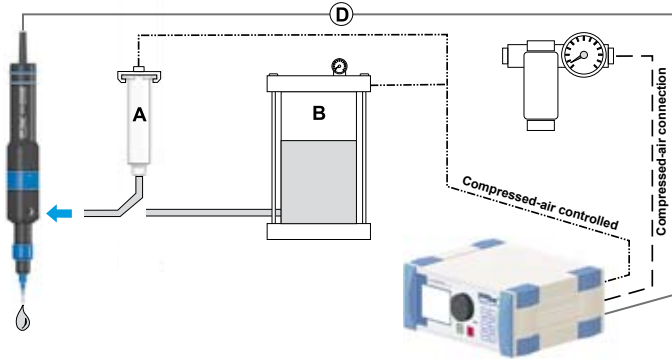
preeflow[®] eco-CONTROL EC200-K

by ViscoTec

Self-levelling fluid,
low-viscosity medium



Non-self levelling fluids, medium to high-viscosity media



TECHNICAL DATA

Dimensions (HxWxD):	100 x 240 x 260 mm
Weight:	Approx. 1,300 Grams
Voltage:	24 V DC, ac adapter included in delivery
AC adapter voltage:	230 V / 50 / 60 Hz
Power rating:	100 VA / 2,7 A
Start:	Key, foot switch
External stop/start:	24-V pulse, 10-mA terminal strip; 0 to 1.5V low; 12 to 24V high
Inputs: 1-3	Fill level; primary pressure; foot switch plug
Inputs: 4-5	Unassigned
Output: 1	Fill level alarm, opto-coupler; terminal strip; 30V max; 10mA max
Output: 2	Ready-to-run, opto-coupler; terminal strip; 30V max; 10mA max
Output: 3	Fault, opto-coupler; terminal strip; 30V max; 10mA max
Outputs: 4-5	Unassigned / opto-coupler; terminal strip; 30V max; 10mA max
Connection:	-GND external components
On-off switch:	Yes
Interface:	RS232
Compressed-air monitoring:	0 - 7 Bar (0 - 100 Psi)
External memory:	MM C/SD-Card, 64 MB min; 24 dosing programs max; readable with Microsoft operating system
Operating conditions:	+10°C to +40°C, air pressure 1 bar
Media temperature range:	+10°C to +40°C
Storage environment:	Dry & dust free; -10°C to +40°C
CE certified:	Yes



ViscoTec Pumpen- und Dosiertechnik GmbH
Geschäftsfeld Komponenten & Geräte

Amperstraße 4 - D-84513 Töging a. Inn
Tel.: +49 (0) 8631 - 393-400
Fax: +49 (0) 8631 - 393-500
info@viscotec.de
www.viscotec.de



info@preeflow.com
www.preeflow.com