

Business Unit Components & Devices

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

TECHNICAL FEATURES

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



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

Easy and user-friendly
menu navigation

Plastic film keyboard
with LED status
displays



Quantity program

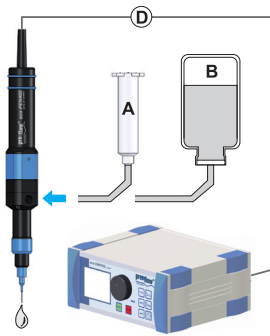
Start & stop program

Time program

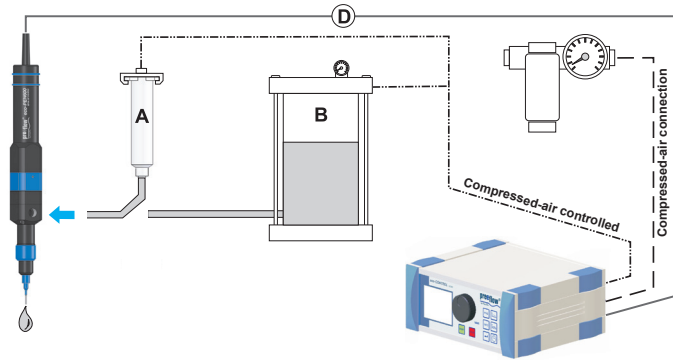
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eco-CONTROL
EC200-K

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
On-off switch:	Yes
Interface:	RS232
Compressed-air monitoring:	0 to 7 Bar (0 to 100 Psi)
External memory:	MM C/SD-Card, 64 MB min; 24 dosing programs max;
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



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