



ECCO-

CONTROL

HOW IT WORKS

The preeflow® controllers simplify every dispensing process. They are perfectly matched for all dispensers within the eco-PEN, eco-DUO and eco-SPRAY series.

The eco-CONTROL EC200 2.0 serves primarily to control and parameterize the preeflow® dispensers. In addition, pressure monitoring is carried out by the controller for a reliable process with precise dispensing results. The control unit can be easily integrated into fully automatic systems and meets all requirements of modern dispensing processes.

The eco-CONTROL EC200 2.0 offers a compact solution with

an integrated power supply unit. The control unit also offers options for pressure and temperature monitoring, 100 program memory locations and enables fast and clean storage of programs. The control unit can also be integrated with PLC systems.

The plug'n'dose (eco-PEN), plug'n'dose 2.0 (eco-PEN + eco-PEN XS) and plug'n'mix (eco-DUO) are designed for integration into larger manufacturing lines and allow volumetric dosing with a high degree of process reliability.



Designation	eco-CONTROL EC200 2.0	plug'n'dose 2.0	plug'n'mix
Art no.	21793	177047	21129
Dimensions	230 x 175 x 85 mm	112 x 42 x 28 mm	242 x 85 x 50 mm
Weight	2900 g	110 g	500 g
Power supply	110 – 230 V AC, 50/60 Hz	24 V DC	24 V DC
Power consumption	max. 100 VA	max. 65 VA	max. 100 VA
Voltage network adapter	Without	-	-
Input	0 – 7 bar	-	-
Operating modes	Start-stop / Quantity	Start-Stop	Start-Stop
Display	7" TFT with capacitive touch	-	-
Motor control	via programs, external via analog signal 0-10 V oder 4-20 mA	external via analog signal 0 – 10 V	external via analog signal 0 – 10 V
Connector for level sensor	Yes	-	-
External start	24 V via terminal strip	24 V via terminal strip	24 V via terminal strip
Programs	internal memory for max. 100 dispensing programs	-	-
Interface	Digital I/O, analog inputs, RS232, USB, (Ethernet)	Digital I/O, analog inputs	Digital I/O, analog inputs, RS232

INSTALLATION EXAMPLES



DESKTOP VERSION

Due to the solid base and the ergonomic positioning, the desktop version offers maximum operating comfort.



MONITOR VERSION

Alternatively, the controller can be attached to the wall or on profiles using an integral VESA bracket.



BUILT-IN VERSION

The built-in version is used for easier integration with PLC systems. It is produced with an injection-moulded housing seal for air-tight installation.

TECHNICAL FEATURES

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ADVISE YOU



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Fast Boot



Universal interfaces



Industry 4.0 ready



Intuitive operability



Plug 'n' Play



Simple machine integration



Robust design



Details on request