

- Available as wall bracket or stand-alone version with drip tray
- Minimum costs for installation and startup
- Optimal adaption to process parameters thanks to modular system
- Wide range of applications



Thanks to a universal modular system, our metering consoles offer a wide range of options for meeting the requirements of economical and environmentally friendly metering of liquid chemicals.

By combining different versions of our ECO pump and product container range with the corresponding accessories from our product range, we can offer a solution for almost any metering task.

Technical data:

Pump type		00510X	01110S	03003S	05010M	12003M
Max. metering capacity	l/h	5	11	30	50	120
Metering back pressure:	bar	10		3	10	3
Reproducibility:	%	< +/- 3				
Max. suction height (mit nassen Ventilen):	m	2				
Ambient temperature:	°C	+ 2 bis + 40				
Power supply:	V/Hz	100-240 V ±10 % 50/60 Hz				
Schutzart:		IP 65				
Weight wall bracket with 2 pumps:	kg	approx. 10		appr. 12	approx. 15	
Weight stand bracket with 2 pumps:	kg	approx. 20		appr. 22	approx. 25	

Wall bracket consisting of:

Version with one pump

1 wall bracket PP
 Dimensions: 800 x 600 x 200 mm (h * w * d)
 1 diaphragm metering pump
 1 pump bracket
 1 terminal box
 2 manual diaphragm non-return valves

Assembly of components, piping and wiring on the unit included

Version with two pumps

1 wall bracket PP
 Dimensions: 800 x 600 x 200 mm (h * w * d)
 2 diaphragm metering pumps
 2 pump brackets
 1 terminal box
 3 manual diaphragm non-return valves (4 valves on the version with 2 metering lines)

Assembly of components, piping and wiring on the unit included

Stand-alone version consisting of:

Version with one pump

1 stand bracket with drip tray PP / VA
 Dimensions: 1750 x 660 x 550 mm (h * w * d)
 1 wall bracket PP (mounted on stand bracket)
 Dimensions: 800 x 600 x 200 mm (h * w * d)
 1 diaphragm metering pump
 1 pump bracket
 1 terminal box
 2 manual diaphragm non-return valves

Assembly of components, piping and wiring on the unit included

Version with two pumps

1 stand bracket with drip tray PP / VA
 Dimensions: 1750 x 660 x 550 mm (h * w * d)
 1 wall bracket PP (mounted on stand bracket)
 Dimensions: 800 x 600 x 200 mm (h * w * d)
 2 diaphragm metering pump
 2 pump bracket
 1 terminal box
 3 manual diaphragm non-return valves (4 valves on the version with 2 metering lines)

Assembly of components, piping and wiring on the unit included

Available as an option:

- Container PE (40, 75, 140, 200 l/h) and accessories (e.g. sump, stirring tool, ...)
- Suction pipe with level control (evaluation in the pump)
- Multifunction valve (overflow, pressure maintenance, venting and drainage)
- Degassing valve (only for 5 and 11 l/h)
- Oval gear meter for volumetric measurement of the rate of flow (evaluation in the pump)
- Metering hose
- Metering valve
- Drip tray PP für wall bracket

See also chapter EcoPro/EcoAdd, metering container of “Metering Technology“ or chapter oval gear meter of “Measuring and Controlling”.

Hydraulic connections:

Pump (inlet):	4/6, 6/8, 6/12 mm
Pump (outlet):	4/6, 6/8, 6/12 mm
Hand valve outlet	6/8 mm
Multifunction valve:	4/6, 6/8, 6/12 mm

Material:

Console:	PP
Support frame for stand-alone console:	1.4301
Pump:	
Pump head / suction and pressure valves:	PP or PVDF
Diaphragm:	PTFE coated
Seals:	FPM or EPDM*
Valve balls:	ceramics
Diaphragm valves:	PVC / PTFE
Container:	PE
Suction pipe:	PVC
Multifunction valve:	PP oder PVDF
Degassing valve:	PVDF
Oval gear meter OGM^{PLUS}:	PVC / PVDF
Hose:	PE or PTFE*
Metering valves:	PP or PVDF

* The material compatibilities on the product data sheet are to be observed.

Ordering key:

1. Description
DOK = Metering console

2. Version
WK = Wall bracket
SK = Stand-alone

3. Electrical metering pump version
EcoPro = On/off, dosing quantity poti, status LEDs, release input
EcoAdd = On/off, touch display, Inputs: release, pulse, current; level, charge, Outputs: stroke signal, alarm
 Communication: USB, CAN Bus

4. Pump capacity
00510X = 5 l/h, 10 bar
01110S = 11 l/h, 10 bar
03003S = 30 l/h, 3 bar
05010M = 50 l/h, 10 bar
12003M = 120 l/h, 3 bar

5. Pump head / suction and pressure valve material
P = PP
D = PVDF

6. Seal material
E = EPDM
F = FKM (Viton B)

7. Valve ball material
C = Ceramics
S = Stainless steel

8. Number of pumps
1P1 = 1 pump, 1 metering line
2P1 = 2 pumps redundant on 1 metering line
2P2 = 2 pumps, 2 metering lines

9. Accessories
MFV = Multifunction valve
EGV = Degassing valve
99 = without

10. Flow measurement
OGM = Oval gear meter (OGM Plus)
99 = without

11. Console version
EC = Ecolab
99 = neutral

Example of a configured metering console

Other versions on request!