

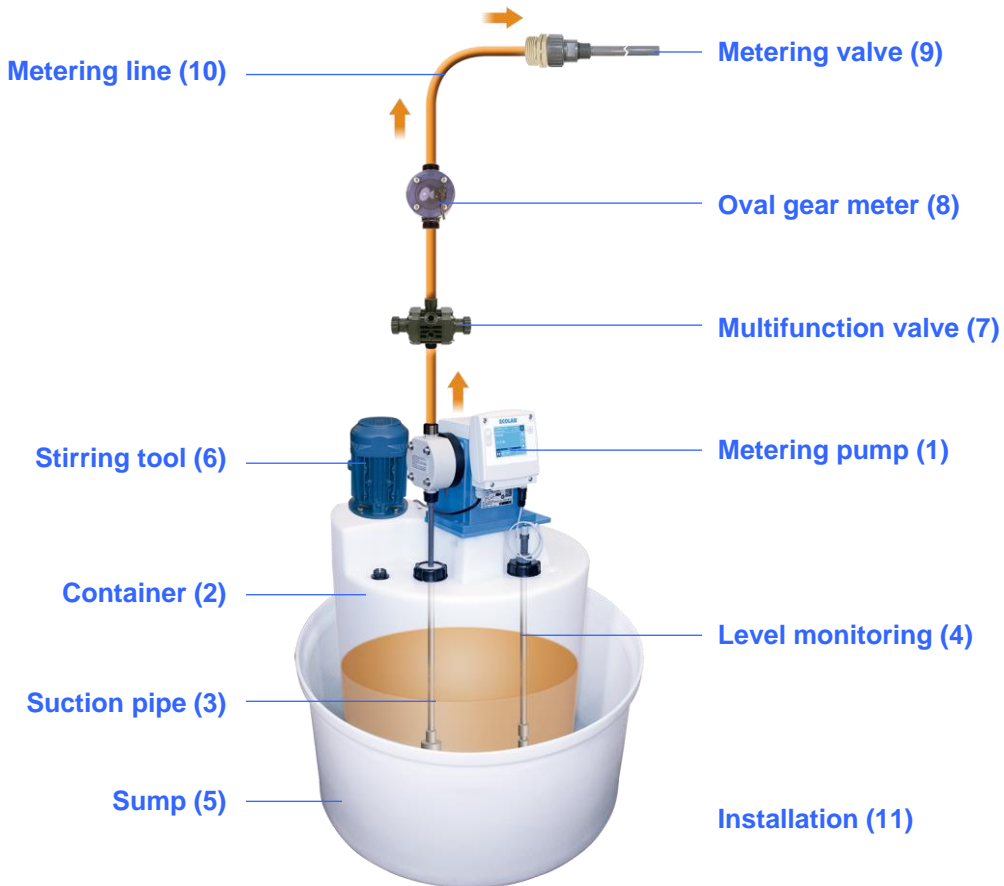
- ▲ **Batch tank from 40 - 200 l with sophisticated design for easy installation of the components**
- ▲ **On request with space-saving sump**
- ▲ **Metering pumps with stepper motor technology in different electronic versions from 5 l/h to 120 l/h**
- ▲ **Easy to configure and adapt to operational requirements thanks to modular design**
- ▲ **Wide range of accessories**
- ▲ **User-friendly, low-maintenance and cost-effective**



The metering unit with batch tank was developed specifically for industrial water treatment and chemical plant construction for the safe storage and dispensing of liquid chemicals. Particular emphasis was placed on plant safety and ease of use for the operating personnel. Faced with the increasingly stringent provisions of the German Water Resources Act (WHG) and stricter safety guidelines for employee protection, these metering stations offer an economic solution for supplying chemicals that must be metered.

The individual components are easy to combine, which enables the system to be optimally adjusted to meet operational requirements with metering performance levels of up to 120 l/h. Complete metering stations can be assembled quickly and cost-effectively either in advance at the manufacturing plant or, thanks to the system's modular design, on site using individual components.

Overview:



Pos. 1) Diaphragm metering pump

Article	Pump code*	Material No.
EcoPro PP/FKM	EcoPro-ES-00510X-PFC-00S-1S-S0	15201000
	EcoPro-ES-01110S-PFC-00S-1S-S0	15202000
	EcoPro-ES-03003S-PFC-00S-1S-S0	15203000
	EcoPro-ES-05010M-PFC-00S-1S-S0	15205000
	EcoPro-ES-12003M-PFC-00S-1S-S0	15206000
PP/EPDM	EcoPro-ES-00510X-PEC-00S-1S-S0	15201100
	EcoPro-ES-01110S-PEC-00S-1S-S0	15202100
	EcoPro-ES-03003S-PEC-00S-1S-S0	15203100
	EcoPro-ES-05010M-PEC-00S-1S-S0	15205100
	EcoPro-ES-12003M-PEC-00S-1S-S0	15206100
PVDF/FKM	EcoPro-ES-00510X-DFC-00S-1S-S0	15201300
	EcoPro-ES-01110S-DFC-00S-1S-S0	15202300
	EcoPro-ES-03003S-DFC-00S-1S-S0	15203300
	EcoPro-ES-05010M-DFC-00S-1S-S0	15205300
	EcoPro-ES-12003M-DFC-00S-1S-S0	15206300
PVDF/EPDM	EcoPro-ES-00510X-DEC-00S-1S-S0	15201400
	EcoPro-ES-01110S-DEC-00S-1S-S0	15202400
	EcoPro-ES-03003S-DEC-00S-1S-S0	15203400
	EcoPro-ES-05010M-DEC-00S-1S-S0	15205400
	EcoPro-ES-12003M-DEC-00S-1S-S0	15206400
EcoAdd PP/FKM	EcoAdd-ES-00510X-PFC-00S-1S-S0	15221000
	EcoAdd-ES-01110S-PFC-00S-1S-S0	15222000
	EcoAdd-ES-03003S-PFC-00S-1S-S0	15223000
	EcoAdd-ES-05010M-PFC-00S-1S-S0	15225000
	EcoAdd-ES-12003M-PFC-00S-1S-S0	15226000
PP/EPDM	EcoAdd-ES-00510X-PEC-00S-1S-S0	15221100
	EcoAdd-ES-01110S-PEC-00S-1S-S0	15222100
	EcoAdd-ES-03003S-PEC-00S-1S-S0	15223100
	EcoAdd-ES-05010M-PEC-00S-1S-S0	15225100
	EcoAdd-ES-12003M-PEC-00S-1S-S0	15226100
PVDF/FKM	EcoAdd-ES-00510X-DFC-00S-1S-S0	15221300
	EcoAdd-ES-01110S-DFC-00S-1S-S0	15222300
	EcoAdd-ES-03003S-DFC-00S-1S-S0	15223300
	EcoAdd-ES-05010M-DFC-00S-1S-S0	15225300
	EcoAdd-ES-12003M-DFC-00S-1S-S0	15226300
PVDF/EPDM	EcoAdd-ES-00510X-DEC-00S-1S-S0	15221400
	EcoAdd-ES-01110S-DEC-00S-1S-S0	15222400
	EcoAdd-ES-03003S-DEC-00S-1S-S0	15223400
	EcoAdd-ES-05010M-DEC-00S-1S-S0	15225400
	EcoAdd-ES-12003M-DEC-00S-1S-S0	15226400

* Pump code legend see chapter **Metering / EcoPro/EcoAdd**.



Article

Material No.

Pos. 2) Metering container

Metering container 40 l, LLDPE Ø 460 mm x height: 490 mm	34124001
Metering container 75 l, LLDPE Ø 460 mm x height: 630 mm	34124002
Metering container 140 l, LLDPE Ø 600 mm x height: 660 mm	34124003
Metering container 200 l, LLDPE Ø 600 mm x height: 880 mm	34124004



Pos. 3) Suction pipe

for ECO metering pump 5 and 11 l/h

Suction pipe Eco VCPV G3/8-08 L560 40 l	241251
Suction pipe Eco VCPV G3/8-08 L700 75/140 l	241252
Suction pipe Eco VCPV G3/8-08 L950 200 l	241253

for ECO metering pump 30 and 50 l/h

Suction pipe VCPV G5/8-09 L680 75/140 l	241243
Suction pipe VCPV G5/8-09 L920 200 l	241244

for ECO metering pump 120 l/h

Suction pipe VCPV G11/4-20 L650 75/140 l	241247
Suction pipe VCPV G11/4-20 L905 200 l	241248



Pos. 4) Level monitoring

for 40 l container, Ø 16 mm, length: 435 mm	418264039
for 75/140 l container, Ø 16 mm, length: 605 mm	418264040
for 200 l container, Ø 16 mm, length: 805 mm	418264041



Article

Material No.

Pos. 5) Sumps, PE

Ø 500 mm, height: 540 mm
for 40/75 l container

419800427

Ø 650 mm, height: 540 mm
for 120 l container

419800428

Ø 655 mm, height: 730 mm
for 200 l container

419800429

Pos. 6) Mixer / stirring tool



Hand mixer PVC
length: 1200 mm (can be cut to length on request)

419800023

Hand mixer for 40/75/140 l container

on request

Hand mixer for 200 l container

on request



Stirring tool motor 230 V, 0.12 kW, 750 1/min

415708767

Stirring tool motor 3/PE 400/230 V, 0.06 kW, 750 1/min

415708768

Stirring tool shaft, V4A, d = 11 mm, l = 400 mm

415708763

Stirring tool shaft, V4A, d = 11 mm, l = 550 mm

415708765

Stirring tool shaft, V4A, d = 11 mm, l = 600 mm

415708764

Stirring tool shaft, V4A, d = 11 mm, l = 800 mm

415708766

Mixing propeller 100 PVDF

415708761

Article **Material No.**

Pos. 7) Multifunction valve

for pumps up to 11 l/h:



MFV PV FP 050 G 3/8 – G 5/8 – 21*	249240
MFV PV EP 050 G 3/8 – G 5/8 – 21*	249260
MFV PV FP 100 G 3/8 – G 5/8 – 21*	249241
MFV PV EP 100 G 3/8 – G 5/8 – 21*	249261

for pumps up to 30 l/h:

MFV PV FP 050 G 5/8 – G 5/8 – 06*	249242
MFV PV EP 050 G 5/8 – G 5/8 – 06*	249262
MFV PV FP 100 G 5/8 – G 5/8 – 06*	249243
MFV PV EP 100 G 5/8 – G 5/8 – 06*	249263

for pumps up to 50 l/h:



MFV PV FP 050 G 1¼ – G 5/8 – 07*	249244
MFV PV EP 050 G 1¼ – G 5/8 – 07*	249264
MFV PV FP 100 G 1¼ – G 5/8 – 07*	249245
MFV PV EP 100 G 1¼ – G 5/8 – 07*	249265

* Type key legend see chapter **EcoPro/EcoAdd**

Pos. 8) Oval gear meter



OGM PLUS 00112VCFPPKKE-G1/8i-99-0001 (for 11 l/h)	280041
OGM PLUS 00540VCFPPKKE-G1/4i-99-0005 (for 50 l/h)	280043
OGM PLUS 01200VCFPPKKE-G3/4i-99-0010 (for 120 l/h)	280044



Connecting adapter OGM 00112 1/8-3/8-PV FP-21	280080
Connecting adapter OGM 00540 1/4-5/8-PV FP-50	280081
Connecting adapter OGM 01200 3/4-5/4-PV FP-07	280082



Connection cable OGM PLUS - EcoAdd, 5 m	252084
Connection cable OGM PLUS - SPS, 5 m	418439006

Article

Material No.



Wall-mounting bracket for OGM type 00112/00540/01200

280084

Pos. 9) Metering valve*

for pumps up to 11 l/h:

DVP PFC-H03-G1/4-G3/8-045-99

252150

DVP PEC-H03-G1/4-G3/8-045-99

252151

DVP DFC-H03-G1/4-G3/8-045-99

252153

DVP DEC-H03-G1/4-G3/8-045-99

252154

DVP PFC-003-G1/2-G3/8-045-99

252155

DVP PEC-003-G1/2-G3/8-045-99

252156

DVP DFC-003-G1/2-G3/8-045-99

252157

DVP DEC-003-G1/2-G3/8-045-99

252158



for pumps up to 50 l/h:

DVP PFC-007-G1/2-G5/8-045-99

252177

DVP PEC-007-G1/2-G5/8-045-99

252178

DVP DFC-007-G1/2-G5/8-045-99

252179

DVP DEC-007-G1/2-G5/8-045-99

252180



Note: Please order connection material for hose and pipe connection separately (see chapter EcoPro/EcoAdd in section metering).

* Type key legend see chapter **EcoPro/EcoAdd**



Article

Material No.

for pumps up to 120 l/h:

DVP PFC-008-G3/4-G11/4-150-99	252184
DVP PEC-008-G3/4-G11/4-150-99	252185
DVP DFC-008-G3/4-G11/4-150-99	252186
DVP DEC-008-G3/4-G11/4-150-99	252187

Note: Please order connection material for hose and pipe connection separately (see chapter EcoPro/EcoAdd in section metering).

Pos. 10) Metering lines



for pumps up to 11 l/h:

PE hose 4/6 mm	417400301
PE hose 6/8 mm	417400310
PTFE hose 4/6 mm	417400215
PTFE hose 6/8 mm	417400224



for pumps up to 50 l/h:

PVC-fabric 6/12 mm	417400123
PVC-fabric 10/16 mm	417400126

for pumps up to 120 l/h:

PVC-Gewebeschlauch 12/21 mm	417400127
PVC-Gewebeschlauch 19/27 mm	417400131

Note: We explicitly point out that PVC fabric tubes have a limited lifetime if alkaline chemicals will be used. To avoid damage for your staff and your company the tubes have to be exchanged at least every 6 months. In case of non-compliance we exclude all kinds of liability and responsibility.

Pos. 11) Installation incl. small parts



- Installation of pump, suction pipe, level monitoring incl. electrical connection
- Hand mixer installation
- Stirring tool installation