

Water Quality Samplers

Keeping clean and monitoring our waters became one of our main tasks. The most important measure to master this task is the extraction of samples combined with sample analysis (measuring technique). Only by means of this measure it is assured that an exact analysis can be effected even after an accident. Diverse fields of application and the problems resulting from them require a wide range of devices. Thanks to more than 20 years of experience we are the specialists in the field of sampling and are able to offer an appropriate device for almost every task. The units shown in this brochure are only the basis for many other already designed apparatus. Thanks to the modular construction many customers requirements can be met quickly and at low cost. Our technical sales dept. is always at your disposal to find the most suitable device for your application.

SP III
Fixed site sampler

Basic unit.
It is also available as a measuring station with up to 4 sensors.

SP III A
Fixed site sampler self-emptying

Ideal for continuously operation without the need of personnel. Also available with measuring rack.



1. Vacuum system

Approved, reliable system, manual adjustment of the dosing volume, very accurate sample volume up to 350/500 ml.



2. Vacuum system-flow proportional

Offers the advantages of the vacuum system combined with a variable dosing volume adjustment according to the analogue signal.



3. Flow-through system

Especially suitable for sample extractions by means of a bypass line or extractions by means of an external pump with flow rates from 3-20 l/min.



4. Peristaltic Pump

Proved, simple system, lower dosing volume accuracy.

Housing:	Double-walled stainless steel with 40 mm insulation	Double-walled stainless steel with 40 mm insulation
Thermostatic control:	Cooling / heating 4 °C	Cooling / heating 4 °C
Control:	Microprocessor control, foil keyboard, 4 x 20 character back lit LC-display	Microprocessor control, foil keyboard, 4 x 20 character back lit LC-display
Interfaces:	RS 232, RS 485	RS 232, RS 485
Modem / GSM:	Yes	Yes
Languages:	Multi-language, selectable	Multi-language, selectable
Signal inputs:	0/4-20 mA, digital	0/4-20 mA, digital
Dosing systems:	-Vacuum system 350 /500 ml -Vacuum system-flow prop. 400ml -Flow-through system 250 ml -Peristaltic pump	-Vacuum system 350 /500 ml -Vacuum system-flow prop. 400ml -Flow-through system 250 ml -Peristaltic pump
Sample bottles:	PE 1 x 25,0 l 1 x 50,0 l 2 x 10,0 l 4 x 6,0 l 12 x 2,9 l 24 x 1,0 l Glass 12 x 2,0 l 24 x 1,0 l.	12 x 1,6 l Glas Duran 50 optional 24 x 2 l Glas Duran 50 (1374 x 930 x 810 mm)
Overall dimensions:	(h x w x d) 1.290 x 690 x 645 mm	(h x w x d) 1.290 x 690 x 645 mm
Weight:	100 kg	120 kg
Power requirement:	230 V	230 V
Ambient temperature:	-20 to +40 °C	-20 to +40 °C



ECM ECO Monitoring

Environmental & Process Monitoring instrumentation & systems

TP I Portable sampler

The sampler can be put on any composite container, or can be operated with Insulating box.



TP II Portable sampler

Compact system with integrated distributor with 24 bottles.



Mini- MAXX Portable sampler

Handy, light, easy to operate, almost maintenance-free.



Kanal-MAXX Sampler for rain event

Functions without external energy explosion-proof.



Stainless steel
(material 1.4301 / SS304H)
Option: (material 1.4404 / SS316L)

PE

Glass-fibre reinforced plastic

PVC

Only in comb. with Insulating box

Ice

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Microprocessor control,
foil keyboard,
4 x 20 character back lit LC-display

Microprocessor control,
foil keyboard,
4 x 20 character back lit LC-display

Microprocessor control,
programmable external
EEPROM plug

Level-dependent sample extraction
triggered by a special tablet

RS 232

RS 232

-

-

Yes

Yes

-

-

Multi-language, selectable

Multi-language, selectable

PC-based program ,
multi-language, selectable

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0/4-20 mA, digital

0/4-20 mA, digital

Digital, opt.: 0/4-20 mA

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-Vacuum system 350 /500 ml
-Vacuum system-flow prop. 400ml

-Vacuum system 350 /500 ml
-Vacuum system-flow prop. 400ml
-Peristaltic pump

-Peristaltic pump

Vacuum (evacuated)

Composite container optional
Insulating box -passiv cooling-
1 x 10 l, 2 x 5 l, 12 x 1 l, 24 x 0,4 l
or
Insulating box -active cooling-
(compressor)
12 / 24 / 230 V
1 x 10 l, 2 x 5 l, 12 x 1 l, 24 x 0,4 l

24 x 1 l PE
optional
10 l composite container

Composite container

2,5 l composite container

(h x w x d)
400 x 405 x 230 mm

(h x w x d)
680 x 460 mm

(h x w x d)
160 x 260 x 100 mm

(h x w x d)
600 x 154 mm

13 kg

23 kg

5,3 kg

2 kg

12 V

12 V

12 V

-

-20 až +40 °C

-20 to +40 °C

-20 to +40 °C

-20 to +40 °C

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