

Basic solid SE

Order-No.: 80909xx

Automatic self-emptying sampler with cooling and heating. Provides time, volume, flow and event proportional sampling of individual and pooled samples of waste water and water-based media. The sample bottles are rinsed and drained automatically. By default, the sampler uses a peristaltic pump for the sampling (optional pressure-/vacuum, metering valve or water scoop).

Rugged

- **Durable stainless steel housing** (AISI 304, optional in AISI 316 or plastic.
- Optionally the cooling and heating cabinet are provided with a coating of epoxy protective varnish.

Distribution

- Carousel distributor with **direct dosing**, no distributor plate
- **Different bottle sizes** on ordering selectable.

24 x 2 liter	24 x 1 liter
16 x 2 liter	14 x 1 liter
12 x 2 liter	12 x 1 liter
4 x 2 liter	
7 x 5 liter	1 x 5 liter

others on request
- **Borosilicate** bottles.
- Additional **discharge for easy manual sample transfer** into the laboratory bottles.

Just in case



- Extremely low maintenance speed controlled peristaltic-pump for accurate dosing
- **Easy to maintain** - e.g. change of the pump hose within 2 minutes.
- Hoses in **various materials**.
- Optionally available with additional preservation pump.
- Optionally metered addition cleaning agent
- Internal RS 232 interface

Technical Data:		Basic solid SE	
Sampling	Time-, volume-, flow- and eventproportional		
Degree of protection	Housing	IP 55	
Operation temperature	-20°C – 40°C		
Electrical data	Rated voltage	230 V ±10% / 50 Hz	
	Max. power consumption	450 VA	
Dimension	(WXHXD) in mm	1130 x 1500 x 900	
	weight	ca. 200 Kg(dependent on equipment)	
Sampling method	Peristaltic pump with contactless water detection option: pressure/vacuum, metering valve or water scoop		
Suction speed	Vm ≥ 0.5 m/s EN 25667 (ISO 5667)		
Wetted materials	Suction hose	PVC	(various materials on request)
	pump hose	Silicon	(various materials on request)
	hose coupling	PA	
	Inlet pipe	PVC	(various materials on request
	Distributor	PS	(various materials on request)
	Suction piece	V2A (1.4305/AISI303)	
	Water detection	contactless (internal pipe PVC)	(various materials on request)
	Bottles	Borosilicate glass	
Distributor	Circular distributor		
Suction hose	Ø (di)	9 mm	(special versions are available on request)
	Max. length	20 m	(special versions are available on request)
Suction height	6 m (up to 8 m on request)		
Dosing Volume	10 ml up to 25000 ml, free adjustable		
Control unit	Microprocessor with 2 MB EEPROM data memory, ring buffer for event and error, LCD Display, 4 x 20 characters, operation via waterproof membrane keypad. The stored programs, as well as error messages, events, residual term remain even after a power failure receive up to 10 years within the RAM memory.		
I/O port	mA	0/4-20 mA; 0-2 V	
	Pulse- / event input	potential free contact (min. 50ms) (adjustable on- / off-delay 0-120 s) contact rating 230V, ohmic load	
	RS 232		
	Alarm output	optional: potential free contact	
Software	Menu-driven, 5 fully parameterizable sample programs, Memory for event / error and log data readable via RS232 interface, up to 6 programs can be linked to a sequence, sequences and single programs can be repeated by using loops with adjustable repeats from 1 to ∞ .		

Presented by:

