

Basic solid

Order-No.: 80923xx

Well-proven, automatic waste water 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. Special ventilation system for uniform cooling to 4°C. By default, the sampling using a peristaltic pump (optional Vacuum / Pressure, dosing slider or water scoop available).

Rugged

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

Distribution

- **Carousel distributor with direct dosing** or distributor plate (optional XY-distributor)
- **Different bottle sizes** on ordering selectable.

24 x 1 Liter	12 x 1 Liter
12 x 2.5 Liter	12 x 1.8 Liter
4 x 10 Liter	1 x 26 Liter

others on request
- **PE or. glass bottles**
- telescopic slide-out (optional)

Just in Case

- Cleaning program for the whole suction line for the peristaltic pump version (for water medium till 60°C)
- Extremely low maintenance speed controlled peristaltic-pump for a gentle dosing (optional pressure vacuum dosing)
- **Easy to maintain -**
e.g. change of the pump hose in less than 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	
Housing	Durable stainless steel AISI 304 (optional in AISI 316 or plastic).		
Sampling	Time-, volume-, flow- and event-proportional (flow proportional only with peristaltic pump version)		
Enclosure Rating	Total	IP 55	
Temperature range	-20°C – +40°C		
Electrical data	Rated voltage	230 V ±10% / 50 Hz	
	Max. power consumption	450 VA	
Dimension	(WXHxD) in mm	750 x 1250 x 680	
	weight	ca. 130 Kg(dependent on equipment)	
Sampling method	Peristaltic pump with contactless water detection (others on request e.g. optical) option: pressure/vacuum, metering valve or water scoop		
Suction speed	Vm ≥ 0.5 m/s EN 25667 (ISO 5667)		
Wetted materials	Suction hose	PVC fabric reinforced	(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	AISI303 (V2A 1.4305)	
	Water detection	contactless (internal pipe PVC)	(various materials on request)
Bottles	HDPE or glass		
Distributor	Circular distributor - direct or indirect with distributor plate (optional XY-distributor)		
Suction hose	∅ (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 ports	mA	0/4-20 mA	
	Pulse- / event input	potential free contact (min. 50ms) (adjustable on- / off-delay 0-120 s) contact rating 230V, 5 A ohmic load on board (optional)	
	RS 232		
	Alarm signal output	potential free contact (optional)	
	Control input	3 (optional available)	
	Control output	2 (optional available)	
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:

