

Basic mobil

Order-No.: 8092241

Automatic mobile waste water sampler for time, volume, event and flow proportional sampling of fluids. Small, compact and weatherproof, the sampler combines a variety of sampling requirements. Ideally suited for water and wastewater treatment, for industrial and field applications, as well as the sampling of surface waters. The reliable sampling technique and its ability to adapt their automated sampling requirements predestine the basic mobile sampler for a wide range of sampling tasks.

Compact

- Compact and rugged design for harsh environments.
- **Light-weight!** 13 kg for easy transport

Easy to use

- Easy / convenient 4-button programming with clear display
- **Start/Stop buttons** for sampling
- Easy handling

Flexible

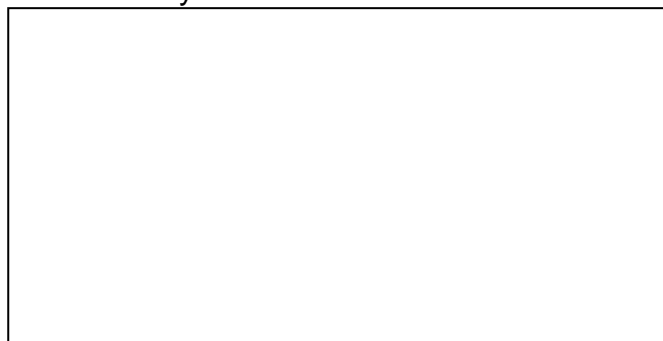
- by time-, volume-, event- and **flow-proportional sampling**
- **composite-** or **discrete** samples
- **several bottle combinations** and different composite container
- Sampling can be triggered based on time, flow or event signal via **analog** (4-20 mA) or **digital input** (potential free contact), **combined operation**



- Battery mode (idle mode for long operating time) **up to 320 samples** optional with power supply pack.
- Plug-in system for **quick battery change**
- A tried and tested **peristaltic pump system**
- **Easy to maintain** - e.g. change of the pump hose within 2 minutes,
- Hoses in **various materials**
- Optional **with active cooling** and 6,5 PE composite container

Technical Data:		Basic mobil:		
Cabinet	PUR (Polyurethan)			
Enclosure Rating	IP 65			
Operational Temperature	0°C – 40°C			
Electrical data	Lead-Gel Battery	12 V DC / 8 Ah (others by request), maintenance-free		
	Max. power consumption	32,5 VA		
	Max. current consumption	2,5 A		
	Fuse	6,2 A		
	Mains supply	via external recharger (battery stand-by mode); IP 67		
	Optional active cooling	230V/12V and gas operation		
Dimension in mm / weight(dry)	12x1 l PE-bottles (ØXH)	370 x 590	13,5 kg	Ord.-No. 8092241
	24x1 l PE-bottles (H x W x D)	690 x 360 x 360	17,5 kg	Ord.-No. 8092261
	24x0.5 glass bottles			Ord.-No. 8092262
	1x25 l container	350 x 640	10,0 kg	Ord.-No. 8092211
	1x6,5 l container (H x W x D)	840 x 720 x 550	ca. 33 kg with optional cooling	
Sampling method	Peristaltic pump			
Suction speed	>0,5 m/s EN 25667 (ISO 5667)			
Wetted material	Suction hose	PVC	(various material on request)	
	Pump hose	Silicon	(various material on request)	
	Hose coupling	PA		
	Inlet pipe	PVC	(various material on request)	
	Distributor	PS	(various material on request)	
	Suction piece	V2A (1.4305/AISI303)		
	Water detection	contactless (internal pipe PVC)	(various material on request)	
	Bottles	HDPE or glass		
Distributor / bottle configurations	Circular distributor			
	Direct filling	1 x 6 l, 1 x 10 l, 1 x 25 l PE-composite container 1-12 x 1 L PE-bottles, 12 x 0,5 L glass bottles		
	With distributor plate	24 x 1 L PE-bottles, 24 x 0,5 L glass bottles		
Suction hose	Ø (di)	9 mm	(special versions are available on request)	
	length	20 m	(special versions are available on request)	
Suction height	6 m	(optional up to 8 m)		
Dosing volume	10 ml up to 25000 ml, depending from the chosen bottle capacities			
Battery durability	24 h = ca. 320 samples at	8 Ah battery, suction 4 m and 5 Min. sampling interval (20°C)		
Control unit	Microprocessor with 2 MB EEPROM data memory, ring buffer for event and error, LCD Display, 4 x 20 characters			
I/O Ports	Analog input	1 x 0/4-20 mA		
	Digital input	1 x potential free contact (min. 50ms) (adjustable on- / off-delay 0-120 s)		
	RS 232	on board (optional)		
	Fault signal output	potential free contact (optional)		
	Control input	3 (optional available)		
	Control output	2 (optional available)		
Software	Menu-driven, 6 sample programs, 5 fully parameterizable + 1 sequence-/loop program Memory for event / error and log data 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:



1x25 liter



Rugged peristaltic pump