



WS 316 SE
Self-empting sampler

WaterSam® self-emptying and self-cleaning sampler for constant monitoring of discharges.

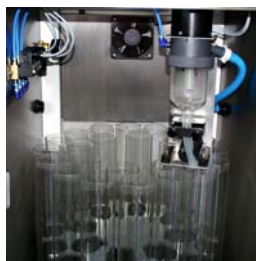
MicroSam The control unit for time, volume or event proportional sampling.



The bottles will be automatically rinsed after every bottle change

WatchSam Integral monitor protects the equipment, controls cooling/heating and pump.

FraktioSam the revolver distributor for 24 (16) glass bottles of borosilicate glass DURAN 50, bottle content 1.9 ltr



*Option:
additional container in the centre, 6.4 ltr with separate dosing vessel and 2. sampling program.

*Option:
4 glass bottles of borosilicate glass DURAN 50
bottle content 10.0 ltr



Should the sample not be required for further analysis, the bottle will automatically be emptied and washed

ThermoSam the refrigerated cabinets are fully protected from the elements by a stainless steel casing. A 40mm insulation ensures that the samples are quickly cooled and maintained in optimal storage conditions, winter or summer.

Electrical and mechanical components are positioned safely in the dry conditions above the wet system elements.

ServiSam Our samplers are designed for ease of service. Our service personnel will take care of any problem that falls outside your own day to day care regime.

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Technical Data WS 316 SE

Dosing bottle	DURAN 50 borosilicate glass
Cleaning (optional)	rinsing with fresh water 3-6 bar, 3 valves for water, 1 pressure regulator with filter, 3 or 4 sprayheads
Sample shots	20 – 350 ml (Option) Second dosing vessel
Sample inlet	12mm dia. PVC hose
Suction height	Up to 8m (large pump)
Distribution	Revolver distributor, direct distribution
Distribution hose	15 mm dia. silicone
Pump large:	Suction height up to 8 m. Piston pump, up to 7m ≥ 0,5m/s
Housing	Stainless steel V2A (AISI 304)
Cooling unit	Compressor cooling with automatic defrost
Heating	350 W, PT 100 Thermostate Meets ISO 5667 at –20°C
Control unit	Microprocessor controlled, 4 button tactile back lighted keypad with 4 x 20col.LCD display, Real time clock, 5 year RAM battery back-up, overload protected outputs
Software	Menu driven, 9 programmes simultaneously. Memory for errors, events and operation status. Preset programmes, easy to modify. Preset and free distributor setting. Combination and interlinking programmes as standard feature.
Flow signal inputs	Analogue: 0/4 – 20 mA Digital: potential free contact (min. impulse = 50 ms)
Event signal input	Potential free contact (impulse duration = 1sec—99 min)
Interface	RS 232 or RS 485
Remote control	Modem / GSM-modem (Option)
Electrical data	230 V / 50 Hz / 16A / max. 400 VA
Dimensions	Height = 1610 mm; Width = 655 mm; Depth = 770 mm
	Weight approx. 112 kg



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