



WS 316-2 SE

**Self-emptying sampler
with 2 composite containers**

 **WaterSam®**

WaterSam® A competitively priced, self-emptying and self-cleaning sampler for basic but constant monitoring of discharges.

This sampler is ideal for 24 hour composite sampling, the previous day's sample being retained for 24 hours before being automatically emptied if not collected.

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



The bottles will be automatically rinsed after every bottle change

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

The motor-driven direct distributor alternates between the two sample collection bottles (2 x 10L) at pre-determined intervals.

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



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.

Service 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.

Sales and service contact

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We reserve the right to make technical changes without notice. Error and omission expected.

Technical Data - WS 316-2 Bottle SE	
Meets ISO 5667	
Dosing bottle	DURAN 50 borosilicate glass
Cleaning	rinsing with fresh water, 3-6 bar, valves for water, pressure regulator with filter, sprayheads
Sample shots	20 – 350 ml
Sample inlet	12mm dia. PVC hose
Suction height	7.5 m with standard small pump optional 8 m with large pump
Distributor	X-direct distributor
Distributor hose	15 mm dia. silicone
Pump	Piston with valves for vacuum and pressure, up to 8 m lift 230 V AC; 19l/min; -085 to 7 bar
Housing	Type 304 stainless steel (V2A)
Refrigeration unit	Compressor cooling with automatic defrost
Heating	350 W, anti-frost heater PT 100 temperature sensor
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 to be run simultaneously, memory for errors, events and operation status Preset and free distributor settings Combination and interlinking programmes as standard feature
Flow signals	Analogue: 0/4 – 20 mA Digital: potential-free contacts
Event signals	Potential-free contact
Interface	RS 232 or RS 485
Remote control	GSM modem (optional) GSM/GPRS modem (optional)
Electrical data	230 V / 50 Hz / 16A / 400 VA max
Dimensions	H 1610 mm; W 655 (720) mm; D 770 mm; approx. 112 kg

Produced by:

WaterSam®

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