



WS 312

Compact Class
Sampler
X-Y - Distributor

WaterSam® 

WaterSam® A compact class sampler with integrated panel door for access to the control unit.

MicroSam The control meets all your sampling requirements such as time, volume and event proportional sampling. Up to 9 programs can individually be set by the customer and run simultaneously.



WatchSam The integrated control unit protects your equipment and logs important data such as pump running time, running time of the cooling unit, failure messages etc.

A GSM modem for remote control can be connected. An SMS error message can then also be sent to a defined mobile phone.



FraktioSam
The X-Y direct distribution

variable for every application



4 x 12.0 litres

1 x 26.4 litres



24 x 1.0 litres

low-maintenance

no cross contamination



12 x 2.9 litres

ThermoSam With the special air circulation system inside the storage compartment the samples are kept at optimum temperature conditions of + 4°C.

KorpuSam The housing can be decomposed and recycled. Electrical and mechanical components are situated in the upper dry part of the sampler.

ServiSam Our samplers are designed for easy access to any part to be serviced.

We guarantee quick and reliable help from our service.

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Technical Data - WS 312

Sampling Method	Vacuum dosing system
Dosing Bottle	DURAN 50 Borosilicate Glass
Dosing Volume	20 – 200 ml (multiple dosing is possible)
Suction Hose	12mm di PVC
Suction Height	7,5 m, pump capacity 14,5 l/min without back pressure
Distribution	X – Y directly into the bottle
Distribution Hose	15 mm ø-inside, silicone
Pump	230 V AC -0,8 to 1 bar No collector
Housing	Stainless steel V2A 1.4301 (AISI 304) 40mm insulation, cold bridge free
Cooling Unit	Compressor cooling 230 V AC; 150 W; refrigerant R 134a CFC-free; automatic defrost
Heating Unit	Electric heating in stainless steel case 230 V; 350 W with excess temperature protection 70°C
Thermostat	PT100
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.
Inputs	Flow signals :0/4-20mA or pot. free contact Event signal :potential free contact
Interface	RS 232 or optional RS 485
Electrical Data	230V / 50Hz / 16A / 400W max.
Dimensions	Height 1,020 mm Width 590 mm Depth 590 mm Weight 75-80 kg

We reserve the right to make technical changes without notice. Errors and omissions expected.

Made by:



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