



## **WS Porti**

**Portable sampler with a choice of container formats**

**WaterSam<sup>®</sup>** 

**WaterSam<sup>a</sup>** A sampler with new ideas including a new vacuum dosing system that does away with the need for a switch-valve.  
Comes ready for remote operation via GSM modem

**MicroSam.** The controller and dosing vessel, which are installed as a single unit can cope with all of your applications, including time, event or volume proportional sampling. For time proportional sampling only we offer WS Porti 1S with a composite container.

**WatchSam** Integral monitor protects the equipment and warns when servicing is needed.  
Can send warning messages to designated mobile phone using SMS messaging.

**PortiSam** The basic sampling unit is available either on its own or with a choice of sample container bases: WS Porti 12 and 12 T can be purchased also for single container without distribution.



**Porti 12** with insulated carrying box can double as a composite container (20L), can be provided with a 6.4L composite container or will hold 12 x 1L or 5 x 1L +1 x 6.4L bottles

**Porti 24** can be secured with a strap during operation. With a longer distributor arm fitted, the transport box will hold 24 x 1L bottles. The box can also be used as a 30L composite container if necessary.



**Porti 12T** is useful where samples have to be refrigerated in field conditions. Able to hold a single container of either 6.4L or 10.4L or 12 x 1L bottles. The base contains a thermostat controlled compressor cooling unit that can operate on 230V, 12/24 VDC. Inside temperature +10 to -18°C. A convenient transport trolley is also available

**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 Porti

Sampling method	Air vacuum pump	
Dosing bottle	DURAN 50 borosilicate glass	
Sample shot volume	20 – 200ml	
Suction height	6M	
Distributor	Indirect, motorised (where fitted)	
Distributor hose	15 mm dia. silicone	
Pump	Vacuum/pressure pump with stainless steel head and 24V d.c. motor with a lift speed of 0.5m/s at 5M	
Housing	Type 304 stainless steel (V2A), IP 55	
Control	Microprocessor controlled, 4 button tactile keypad with 4 x 20 column LCD display, real-time clock and 5 year RAM battery back-up	
Software	<ul style="list-style-type: none"> <li>- Menu driven with 9 possible programs and various alarms, including <i>in operation and service required</i></li> <li>- User defined programming</li> </ul>	
Flow signal input	Analogue: 0/4 – 20 mA Digital: potential-free contacts (min. impulse = 50 ms)	
Event signals	Potential-free contacts (impulse duration 1s – 99 min)	
Interface	RS 232 or RS 485	
Remote operation	Modem/GSM-Modem (Option)	
Electrical data	24V DC / max. 30 VA	
Integral Charger	230V AC / max. 53 VA	
Dimensions Sampler WS Porti	Height	430 mm
	Width	415 mm
	Depth	290 mm
	Weight approx.	13.5 kg (without battery)
Transportbox <b>Porti 12</b>	Height	380 mm
	Width	480 mm
	Depth	320 mm
	Weight	4.5 kg
Transportbox <b>Porti 24</b>	Height	310 mm
	Width	566 mm
	Depth	350 mm
	Weight	7 kg
Refrigerated box <b>Porti 12 T</b> (PE with PU insulation)	Height	415 mm
	Width	710 mm
	Depth	360 mm
	Weight	18.5 kg
Refrigeration unit	<ul style="list-style-type: none"> <li>- 230V / 50Hz (1.4kWh / day)</li> <li>- 12/24 V DC</li> </ul>	

Made in Germany



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We reserve the right to make technical improvements to our products without notice. Error and omission expected.