



# WS Porti 24 T

Portable Refrigerated Sampler

**WaterSam<sup>®</sup>** 



WaterSam® Porti 24 T

A sampler with no need of any valves.



Compressor cooling thermostat-controlled. Inside temperature +10°C to -18°C. Very low energy consumption.



Sample distribution into 24 bottles of 1.0 litre in polyethylene

Optional:  
4 containers of 6.4 litres in polyethylene

Optional:  
Borosilicate glass bottles  
24 x 0.9 litres  
with snap-on cap

Option:  
Transport trolley  
collapsible, max. load 200  
kg, wheels  
Ø180 mm



#### Sales and service contact

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

## Technical Data

(Options are marked. We reserve the right to make technical changes without notice. Error and omission expected.)

Model	WS Porti 24 T
Dosing system	Vacuum sampling system
Sampling principle	Adjusted fixed volume / sample
Dosing vessel	DURAN 50 borosilicate glass
Volume per draft	Adjustable 20 - 200 ml
Suction hose	Inside Ø 12 mm
Suction height	6 m
Distribution system	Motor driven circular distributor 24 V DC
Bottles and containers (optional)	24 x 1.0 ltr PE bottles or 4 x 6.4 ltr PE composite containers or 24 x 0.9 ltr glass bottles DURAN
Pump	24 V DC; 9 l/min; -0.7 to 1 bar
Housing Porti	Stainless steel: Mat. No. 1.4301 DIN X 5 CrNi 18 10; AISI 304
Housing Box	Polyethylene with PU insulation
Compressor cooling	12/24 V DC; 10.4 A with battery controller (external battery required) 100 - 240 V AC; 1.0 - 2.2 A CFC-free refrigerant R134a
Inside temperature	+4°C ±1,5°C, approved for an ambient temperature of +1°C to +55°C.
Compressor running time per hour at T i=5°C T o=20°C T i=5°C T o=32°C	Typical data with 12 V DC / 230 V AC 12 % (Current conspt. 7.5 A DC / 0.7 A AC) 22 % (Current conspt. 7.5 A DC / 0.7 A AC)
Control unit	Microprocessor with 4-button tactile keypad, back lighted LCD display 4 x 20col. Real time clock, 5 year RAM battery back-up.
Software	Menu driven, 9 programmes, to be activated simultaneously. Memory for errors, events and operation status. Preset programmes, easy to modify. Combination and interlinking programmes as standard feature.
Sampling modes	Time-, volume- and event-proportional
Signal inputs	Flowmeter: 0/4 - 20 mA or potential free contact Event: potential free contact
Interface	RS 232 or RS 485
Remote control*	Via modem or GSM-modem
Electrical data	Porti: Mains operation 110-240 V 50 Hz Battery operation 24 V DC Cooling box: see <i>Compressor cooling</i>
Dimensions:	Porti: H x W x D 430 / 415 / 290 mm Cooling box: H x W x D 455 / 920 / 500 mm
Weight	Porti: 13.5 kg (without battery) Cooling box: 23.5 kg

#### Produced by

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