



# WS Porti 1 T / 12 T

Portable Refrigerated Sampler

**WaterSam<sup>®</sup>** 



WaterSam®  
Porti 1 T / 12 T

A sampler with no need of any valves.

With sample distributor for  
12 x 1.0 litre PE bottles or  
12 x 0.9 litre glass bottles of  
borosilicate glass  
or  
without distributor for  
1 PE composite container  
10.4 litres.



Compressor cooling,  
thermostat controlled.  
Internal temperature  
+10 to -18°C.  
Very low consumption  
of power.



Option: Transport trolley  
collapsible,  
max. load 90 kg,  
wheels Ø180 mm

#### Sales and service contact

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## Technical Data

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

Model	WS Porti 12 T 2004
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)	12 x 1.0 ltr PE bottles or 1 x 10.4 ltr PE composite container or 12 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; 6 A with battery controller (external battery required) 100 - 240 V AC; 1,3 - 0,7 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. 6 A DC / 0,7 A AC) 17 % (Current conspt. 6 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 415 / 710 / 360 mm
Weight	Porti: 13,5 kg (without battery) Cooling box: 18,5 kg

#### Produced by

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