

WS Porti 24T with active cooling

Sampler



Portable Refrigerated Sampler

 **WaterSam**[®]

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Technical Data WS Porti 24T



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



Service

WaterSam® samplers are very easy to maintain. Our customer service is always ready to help you fast and reliably.

Manufactured by:

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| Model | WS Porti 24 T |
| Sampling system | Vacuum sampling system (Peristaltic pump upon request) |
| Sampling principle | Fix volume / sampler |
| Dosing vessel | DURAN 50 borosilicate glass |
| Volume per draft | 20 - 200 ml fix adjustable |
| Suction hose | Inside Ø 12 mm |
| Suction height | 6 m |
| Distribution system | Motor driven circular distributor 24 V DC |
| Bottles and containers (optionally) | 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 cooling 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 Ti=5°C To=20°C Ti=5°C To=32°C | Typical data with 12 V DC / 230 V AC 12 % (Current const. 7.5 A DC / 0.7 A AC) 22 % (Current const. 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 B x T 430 / 415 / 290 mm Coolg. box: H x B x T 455 / 920 / 500 mm |
| Weight | Porti: 13.5 kg (without battery) Coolg. box: 23.5 kg |

Supplied by: