



WS Porti 

Portable Sampler for Zones 1 and 2 Operation

WaterSam® 

WaterSam® Porti Ex for use within the sewer network and other zone 1 areas. Safe, reliable and explosion-proof.



Attachments include:
suction hose and filter
suspension bracket and chain
protective cover

MicroSam Ex. The control unit can handle flow, volume event or time proportional sampling and is IP65 rated.



In the event of total submersion, the samples may be lost, but the most valuable parts of the sampler will be safe.

PortiSam The samples are placed into the bottle via a single distributor arm designed to minimise the chances of spillage if the sampler is hung at a slight angle..



Technical Data WS Porti Ex (Options are marked. We reserve the right to make technical changes without notice. Error and omission expected.)	
Sampling method	Peristaltic pump
Distribution hose	Silicone
Sample volumes	5 – 2500 ml (programmable)
Lift height	6 m
Distributor	Indirect circular distributor in PVC
Suction hose	4 m PVC with 8mm inside diameter (maximum length - 20 m)
Controller	Microprocessor with turning dial operation and separate 'enter' button. 8 position display and 4 light diodes to indicate function. Real-time clock with battery backup.
Software (Optional)	Up to 10 user definable programmes
Signal Input	
Flow proportional	0 (4) – 20 mA
Volume proportional	Potential-free contact. Impulse control with input:output ratio programmable from 1:1 to 9999:1
Event proportional (optional)	Potential-free contact with programmable on/off pulse setting between 0 and 120 seconds.
Electrical data	12V DC / 12 W / 2 A Current in standby mode = 45mA
Protection ratings	IP 65 (with protective cover in place) Sampler EExd (ib) IIB T6 Zones 1 and 2 Explosion-proof battery EEx de IIC T6 for Zones 1 and 2 Optional charger and mains adapter EEx de IIC T6 for Zones 1 and 2
Standard battery charger	100 —240 V ac 12 V dc / 1.8 A IP 54 T35/E
Dimensions	Height 710 mm Diameter 415 mm
Weight	24 kg Including detachable battery
Extras	
PE sample bottles	12 x 1 Litre with screw tops
Glass bottles	12 x 0.5 Litre with tops
Insert	Holder for glass bottles
Cleaning brush	For pump hose cleaning
Suction hose	8 mm dia x 2m lengths hose with plastic quick release coupling to quickly lengthen or shorten suction hoses.
Filter	Stainless steel and PVC pipe end filter
Hanging bracket	Stainless steel hanging bracket for shafts between 640mm and 960 mm
Hanging set	4 point suspension chain and protective PVC cover

Produced by



WaterSam GmbH
Felix-Wankel-Strasse 70
D 72108 Rottenburg am Neckar
Germany

Sales and service contact

Phone +49 (0)7472 9882 0
Fax +49 (0)7472 9882 22
E-Mail info@watersam.de
Internet www.watersam.com

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