

Wastewater Samplers Floor Mounted Refrigerated: S200, S320 & S320H



The Aquamatic range of stationary, refrigerated wastewater samplers consists of three Aquacell models, the S200, S320 and the rugged outdoor S320H. At the heart of each is the well proven Aquacell Sampling Module, a robust and reliable unit proven in thousands of applications worldwide and trusted by users as diverse as food manufacturers, water companies and Environment Agencies

The air pump vacuum sampling system featured within the Aquacell Module provides for an extremely accurate, reliable, representative and repeatable sample. Programming set-up and daily operation have been designed to be as simple and intuitive as possible for the user

Sample extraction can be time based or triggered by external sources such as flow meters, level sensors, pH meters, PLC's etc. All Aquacell Sampler models are certified to the UK Environment Agency's MCERTs standard for Automatic Wastewater Sampling Equipment and also the International Standard for Wastewater Samplers ISO 5667-10

Aquacell S200, S320 and S320H Samplers can extract samples from both non-pressurised and pressurised (when specified with a Pressurised Pipeline Interface) effluent sources

Aquacell S200



The Aquacell S200 Sampler is the refrigerated solution for an indoor, secure location. The Sampler Module is mounted separately above the lockable, high-performance, refrigeration compartment so it can be programmed and/or interrogated without disturbing the temperature controlled samples. The S200 can be combined with a wide choice of Sample Collection Vessels, including single containers and Removable / Integral Bottlers. Additionally, this Aquacell varient can be combined with an optional, lockable, tamperproof Sampler Module Front Cover



S200 is available with wide choice of Sample Collection Vessels



S200 Sampler Module is

completely separate from

collected samples





Aquacell S320 / S320H

There are two refrigerated models available in the Aquacell S300 Series, the S320 for indoor applications only and the S320H for outdoor. Both models are based around the same high performance S300 cabinet. All electronic equipment is protected in the upper compartments, while collected samples are kept separately and securely in the lockable, temperature controlled, lower compartment. Both the S320 and S320H models can be used with the full range

boxes simplify installation

and connection to the

Ancillary Signal Interface

of Sample Collection Vessels, including Integral Bottlers, which are supplied with a Pull-Out Tray for easy access to the sample collection bottles









Optional Pull-Out Tray for easy access to sample containers (standard with all S300 Integral Bottlers)

Aguamatic Ltd Soapstone Way, Irlam, Manchester, M44 6GP, UK t: +44 (0)161 777 6607 f: +44(0)161 777 6617 sales@aquamaticsamplers.com www.aquamaticsamplers.com



Aquacell S200













Aquacell S320











Aquacell S320H



















Stationary



Floor Mounted



Indoor Only



Indoor & Outdoor



Sample Cooling





Sample Frost Protection



Suitable for Multiple Bottles



Can be used with Pressurised Pipeline Interface



Wastewater Samplers for the World

Aquamatic Ltd Soapstone Way, Irlam, Manchester M44 6GP, UK t: +44 (0) 161 777 6607 f: +44 (0) 161 777 6617 sales@aquamaticsamplers.com www.aquamaticsamplers.com

GENERAL MCERTS Certified Yes Yes Yes Yes Sample temperature control Yes Yes Yes Sample frost protection No No Yes Suitable for outdoor use No No Yes Suitable for outdoor use No No Yes Suitable for outdoor use No No Yes DIMENSIONS / WEIGHTS Size (mm) We400 W850 W850 W850 D860 D765 D8900 W850 D860 W850 W850 W850 W850 W850 W850 W850 W85	MODEL	S200	S320	S320H
MCERTS Certified Sample temperature control Sample frost protection No No Yes Sample frost protection No No Yes Suitable for outdoor use No No Yes DIMENSIONS / WEIGHTS Size (mm) (measured with standard base fitted) Weight excluding container and options (Kg) Weight excluding container and options (Kg) Mains 110/220/230VAC 50Hz/60Hz Float charged backup battery (12VDC 7Ah) POWER (VA) @ 110VAC (max. inrush current (A) in brackets) @ 230VAC (max. inrush current (A) in brackets) Minimum ambient working temperature °C Maximum ambient working temperature °C Maximum ambient working temperature °C SaMPLE COLLECTION VESSELS 2.5, 5, 10 littre HDPE Container 25 litre MDPE Container No Qpt Qpt Qx 4.5 litre Self-Emptying Polypropylene Bottler with / without optional cleaning Ax 5 litre HDPE Bottler (Removeable & Integral) Ax 5 litre HDPE Bottler (Integral only) Ax 5 litre HDPE Bottler (Integral only) Ax 6.1 litre HDPE Bottler (Integral only) Ax 6.1 litre HDPE Bottler (Integral only) Ax 6.1 litre HDPE Bottler (Integral only) Ax 1 litre HDPE Bottler (Removable only) Ax 2 litre HDPE Bottler (Removable only) Ax 1 litre HDPE Bottler (Removable only) Ax 2 litre HDPE Bottler (Removable only) Ax 3 litre HDPE Bottler (Removable only) Ax 1 litre HDPE Bottler (Removable only) Ax 2 litre HDPE Bot	WODEL	3200	JJ20	032UN
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DIMENSIONS / WEIGHTS	Sample temperature control	Yes	Yes	Yes
	Sample frost protection	No	No	Yes
Size (mm) (measured with standard base fitted) Me40	Suitable for outdoor use	No	No	Yes
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Bottler Connection Opt Opt Opt				
Data Download Connection Opt Opt Opt		-		
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Interior Lighting - S300 Series No Opt Opt			<u> </u>	
Pressurised Pipeline Interface Opt Opt Opt	· · · · · · · · · · · · · · · · · · ·	-		· ·
Pull Out Tray (standard with S300 Integral Bottlers) No Opt Opt Sample Temperature Manitaring Connection Opt Opt				
Sample Temperature Monitoring Connection Opt Opt Opt		-		
Sampler Inspection Window - S300 (for Upper Door) No Opt Opt				
Upper Protection Door - S300 Series No Opt Yes Wastewater Drain - S300 Series No Opt Opt				
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