



# Wastewater Samplers

## Stationary, Floor Mounted & Refrigerated: Aquacell S200 & S320H



The Aquamatic range of stationary, refrigerated wastewater samplers consists of two Aquacell models, the indoor S200 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 and the European Standard EN16479:2014, for Automatic Wastewater Sampling Equipment, in addition the range are generally in accordance with the International Standard for guidance on sampling of waste water ISO 5667-10

Aquacell S200 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 variant can be combined with an optional, lockable, tamperproof Sampler Module Front Cover

### Aquacell S320H



The Aquacell S320H is the outdoor refrigerated model in the Aquacell S300 Series range. All major plant equipment such as the refrigeration unit and sampling module is located in the upper compartment, while collected samples are kept separately and securely in the lockable, temperature controlled, lower compartment. The Aquacell S320H can be used with the full range of Sample Collection Vessels, including Integral Bottlers (which are supplied with a Pull-Out Tray for easy access to the sample collection bottles)

Aquacell S320H includes full sample temperature control making it ideal for outdoor, exposed locations. Shown here with Optional Sampler Inspection Window



S200 Sampler Module is completely separate from collected samples



S200 is available with wide choice of Sample Collection Vessels



Side mounted connection points simplify installation and connection to ancillary equipment



4 x 5 litre HDPE Integral Bottler, just one of the many available Sample Collection Vessel options



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



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

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Wastewater Samplers for the World

## Aquacell S200



## Aquacell S320H



### Product Features Key (see above for specific model features)



	MODEL	S200	S320H
<b>GENERAL</b>			
MCERTS Certified		Yes	Yes
Sample temperature control		Yes	Yes
Sample frost protection		No	Yes
Suitable for outdoor use		No	Yes
<b>DIMENSIONS / WEIGHTS</b>			
Size (mm) (measured with standard base fitted)		H1270 W640 D640	H1450 W850 D900
Weight excluding container and options (Kg)		54.0	120
<b>POWER OPTIONS</b>			
Mains 110/120/220/230VAC 50Hz/60Hz		Yes	Yes
Float charged backup battery (12VDC 7Ah)		Opt	Opt
<b>POWER (VA)</b>			
@ 110VAC (max. inrush current (A) in brackets)		500 (24)	910 (24)
@ 230VAC (max. inrush current (A) in brackets)		336 (5.7)	830 (10.5)
<b>ENVIRONMENTAL</b>			
Minimum ambient working temperature °C		5	-10
Maximum ambient working temperature °C		45	50
<b>SAMPLE COLLECTION VESSELS</b>			
2.5, 5, 10 litre HDPE Container		Opt	Opt
25 litre MDPE Container		Opt	Opt
2 x 4.5 litre Self-Emptying Polypropylene Bottler with / without optional cleaning		No	Opt
2 x 5 litre HDPE Bottler (Removeable & Integral)		No	Opt
4 x 2.27 litre Glass Bottler (Removeable & Integral)		Opt	Opt
4 x 5 litre HDPE Bottler (Removeable & Integral)		Opt	Opt
4 x 5 litre Glass Bottler (Integral only)		No	Opt
4 x 6.4 litre HDPE Bottler (Integral only)		Opt	No
4 x 10 litre HDPE Bottler (Integral only)		No	Opt
12 x 1 litre HDPE Bottler (Integral only)		No	Opt
8 x 2.8 litre Bottler (Integral only)		No	Opt
4 x 15 litre Bottler (Integral only)		No	Opt
12 x 1 litre PET Bottler (Removable only)		Opt	Opt
12 x 0.75 litre Glass Bottler (Removable only)		Opt	Opt
24 x 1 litre HDPE Bottler (Removable only)		Opt	Opt
<b>OPTIONAL EQUIPMENT</b>			
Ancillary Signal Connection (for flowmeters, pH meters, PLC's etc.)		Opt	Opt
Beacon - S300 Series		No	Opt
Bottler Connection		Opt	Opt
Data Download Connection		Opt	Opt
Interior Lighting - S300 Series		No	Opt
Pressurised Pipeline Interface		Opt	Opt
Pull Out Tray (standard with S300 Integral Bottlers)		No	Opt
Sample Temperature Monitoring Connection		Opt	Opt
Sampler Inspection Window - S300 (for Upper Door)		No	Opt
Wastewater Drain - S300 Series		No	Opt



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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