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

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

S320H with optional Sampler Inspection Window and Ancillary Signal Connection

S200 Sampler Module is completely separate from collected samples

S200 is available with wide choice of Sample Collection Vessels

Side mounted connection boxes simplify installation and connection to the Ancillary Signal Interface

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)

sira Certification Service
ISO 9001:2008 Registered Company

sira Certification Service
ISO 14001:2004 Registered Company

mCERTS
THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

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AQUAMATIC
Wastewater Samplers for the World

Aquacell S200

Aquacell S320

Aquacell S320H

MODEL	S200	S320	S320H
GENERAL			
MCERTS Certified	Yes	Yes	Yes
Sample temperature control	Yes	Yes	Yes
Sample frost protection	No	No	Yes
Suitable for outdoor use	No	No	Yes
DIMENSIONS / WEIGHTS			
Size (mm) (measured with standard base fitted)	H1270 W640 D640	H1450 W850 D765	H1450 W850 D900
Weight excluding container and options (Kg)	54.0	118	120
POWER OPTIONS			
Mains 110/220/230VAC 50Hz/60Hz	Yes	Yes	Yes
Float charged backup battery (12VDC 7Ah)	Opt	Opt	Opt
POWER (VA)			
@ 110VAC (max. inrush current (A) in brackets)	500 (24)	665 (24)	910 (24)
@ 230VAC (max. inrush current (A) in brackets)	336 (5.7)	615 (9)	830 (9)
ENVIRONMENTAL			
IP Rating	50	50	54
Minimum ambient working temperature ºC	5	5	-10
Maximum ambient working temperature ºC	45	40	50
SAMPLE COLLECTION VESSELS			
2.5, 5, 10 litre HDPE Container	Opt	Opt	Opt
25 litre MDPE Container	Opt	Opt	Opt
2 x 4.5 litre Self-Emptying Polypropylene Bottler with / without optional cleaning	No	Opt	Opt
2 x 5 litre HDPE Bottler (Removeable & Integral)	No	Opt	Opt
4 x 2.27 litre Glass Bottler (Removeable & Integral)	Opt	Opt	Opt
4 x 5 litre HDPE Bottler (Removeable & Integral)	Opt	Opt	Opt
4 x 5 litre Glass Bottler (Integral only)	No	Opt	Opt
4 x 6.4 litre HDPE Bottler (Integral only)	Opt	No	No
4 x 10 litre HDPE Bottler (Integral only)	No	Opt	Opt
12 x 1 litre HDPE Bottler (Integral only)	No	Opt	Opt
8 x 2.8 litre Bottler (Integral only)	No	Opt	Opt
4 x 15 litre Bottler (Integral only)	No	Opt	Opt
12 x 1 litre PET Bottler (Removable only)	Opt	Opt	Opt
12 x 0.75 litre Glass Bottler (Removable only)	Opt	Opt	Opt
24 x 1 litre HDPE Bottler (Removable only)	Opt	Opt	Opt
OPTIONAL EQUIPMENT			
Ancillary Signal Connection (for flowmeters, pH meters, PLC's etc.)	Opt	Opt	Opt
Auxiliary Equipment Enclosure - S300 Series	No	Opt	Opt
Beacon - S300 Series	No	Opt	Opt
Bottler Connection	Opt	Opt	Opt
Data Download Connection	Opt	Opt	Opt
Interior Lighting - S300 Series	No	Opt	Opt
Pressurised Pipeline Interface	Opt	Opt	Opt
Pull Out Tray (standard with S300 Integral Bottlers)	No	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

Product Features Key

- **Stationary**
- **Floor Mounted**
- **Indoor Only**
- **Indoor & Outdoor**
- <5℃ **Sample Cooling**
- **Sample Frost Protection**
- **Suitable for Multiple Bottles**
- **Can be used with Pressurised Pipeline Interface**

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