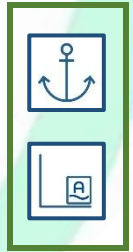




Aquacell S200, S310H & S320H Stationary, Floor Mounted, Wastewater Samplers



The Aquamatic range of stationary, floor mounted Wastewater Samplers consists of three Aquacell models, the indoor refrigerated S200 and the two outdoor, rugged S300 Series models, the non-refrigerated S310H and the refrigerated S320H. At the heart of every model in the Aquacell range is the Aquacell Sampling Module; a robust and dependable sampling unit proven in thousands of applications worldwide and used in sectors spanning from food manufacturers to chemical producers, Water Companies and Environment Agencies.

The air pump vacuum sampling system featured within the Aquacell Sampling Module provides for a reliable, representative and repeatable sample at an extremely accurate volume (settable by the user).

All Samplers are designed to be positioned adjacent to your effluent source. They are supplied as standard with a mains power connection but can also be specified with an additional Integral Backup Battery option (powering the Sample Module only in the event of a mains power outage). Flexibility in sample collection is provided by a wide range of Removable and Integral, Single and Multiple, Sample Collection Vessel options (see the specification table overleaf for details).

Programming set-up is simplicity itself, with sample volumes from 50 - 500ml (and above) and sample intervals from 1 minute to almost 100 hours. Sample extraction frequency can be based on time 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 EN16479:2014, they are also generally in accordance with the International Standard for Wastewater Samplers ISO 5667-10.

The Aquacell S200, S310H and S320H Samplers can extract samples from both non-pressurised and pressurised effluent sources (when specified with a Pressurised Pipeline Interface).



Aquacell S310H / S320H

All major plant equipment such as the refrigeration unit (S320H only) and Sampling Module, is located in the upper, lockable compartment, whilst collected samples are kept separately and securely in the lockable, temperature controlled, lower compartment.



S200 shown with optional 4 x 6.4 ltr HDPE Integral Bottler.



Side mounted Mains and optional Ancillary Signal Connection boxes make for quick and simple connecting to your S310H / S320H Sampler.

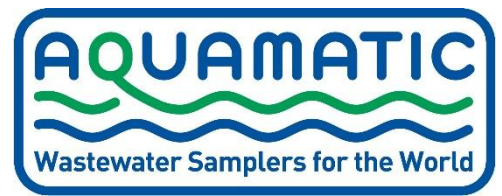


Convenient optional Pull-Out tray allows for easy checking of sample progress and removal of Sample containers when needed (included with S300 Series Integral Bottlers).

Aquacell S200

The Sampler Module is mounted separately above the lockable, high-performance, refrigeration compartment. This means it can be programmed and/or interrogated without disturbing the cooled collected samples. The Aquacell S200 can be supplied with an optional, lockable, tamperproof, Front Cover for the Sampler Module.

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Aquacell S200



Aquacell S310H



Aquacell S320H



Product Features Key



Stationary



Floor Mounted



Suitable for Indoor only



Suitable for Indoor & Outdoor



Sample Cooling



Sample Frost Protection



Available with Single & Multiple Bottles



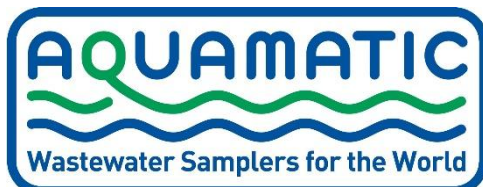
Can be used with Pressurised Pipeline Interface

NOTE: Other Sample Collection Vessel options are available – Please contact us for details

MCERTS
EN 16479
CERTIFIED

ISO
9001

ISO
14001



GENERAL	S200	S310H	S320H
MCERTs Certified	Yes	Yes	Yes
Sample Cooling	Yes	No	Yes
Sample Frost Protection	No	Yes	Yes
Suitable for outdoor use	No	Yes	Yes
Intake Hose length	10m	10m	10m
DIMENSIONS/WEIGHTS	S200	S310H	S320H
Size (mm)	H1270 W6400 D640	H1450 W850 D900	H1450 W850 D900
Weight excluding Container(s) and Options (Kg)	54	103	120
POWER OPTIONS	S200	S310H	S320H
Mains 110/220/230VAC 50Hz/60Hz	Yes	Yes	Yes
Float Charged Backup Battery (12VDC 7Ah)	Opt	Opt	Opt
POWER CONSUMPTION VA	S200	S310H	S320H
@110VAC (max. inrush current (A) in brackets)	500 (24)	590	910 (24)
@230VAC (max. inrush current (A) in brackets)	336 (5.7)	530	830 (10.5)
ENVIRONMENTAL	S200	S310H	S320H
Minimum ambient working temperature °C	5	-10	-10
Maximum ambient working temperature °C	45	50	50
SAMPLE COLLECTION VESSELS (others available)	S200	S310H	S320H
2.5, 5 and 10 litre HDPE Bottles	Opt	Opt	Opt
25 litre MDPE Bottle	Opt	Opt	Opt
2 x 4.5 litre Self-Emptying Polypropylene Bottler	No	Opt	Opt
4 x 5 litre HDPE Bottler (Removable or Integral)	Opt	Opt	Opt
4 x 6.4 litre HDPE Bottler - S200 (Integral)	Opt	No	No
4 x 10 litre HDPE Bottler (Integral)	No	Opt	Opt
4 x 15 litre Bottler (Integral)	No	Opt	Opt
12 x 1 litre HDPE Bottler (Integral)	No	Opt	Opt
12 x 1 litre Glass Bottler (Removable)	Opt	Opt	Opt
12 x 1 litre PET Bottler (Removable)	Opt	Opt	Opt
24 x 1 litre HDPE Bottler (Removable)	Opt	Opt	Opt
OPTIONAL EQUIPMENT (other equipment available)	S200	S310H	S320H
Ancillary Signal Connection (for flowmeters, pH meters, PLC's etc)	Opt	Opt	Opt
Beacon - S300 Series	No	Opt	Opt
Bottler Connection	Opt	Opt	Opt
Data Download Connection	Opt	Opt	Opt
Pull Out Tray (standard with Integral Bottlers)	No	Opt	Opt
Sample Temperature Monitoring	Opt	Opt	Opt
Sampler Inspection Window	No	Opt	Opt
Wastewater Drain - S300 Series	No	Opt	Opt
Pressurised Pipeline Interface	Opt	Opt	Opt