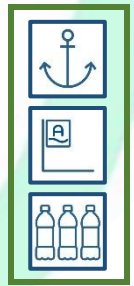




Aquacell S50 & S100 Stationary, Wall-Mounted Wastewater Samplers



The wall mountable Aquacell S50 and S100 Wastewater Sampler models offer simple operation combined with rugged construction and excellent reliability. 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).

Both the Aquacell S50 and S100 Samplers are designed to be wall mounted adjacent to your effluent source. They are supplied as standard with a mains power connection but can also be specified with an optional Back-Up Battery or external 12VDC Battery Connection. Flexibility in sample collection is provided by a range of non-integral Sample Collection Vessels options (see the specification table overleaf for details). Many of the Single Containers can be conveniently suspended directly below your Aquacell S50 or S100 Sampler by using the optional Suspension Bracket, as pictured below.



Aquacell S50

The Aquacell S50 is suitable for weather protected applications, typically indoors. Shown here with optional Suspension Bracket

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.

Aquacell S50 and S100 Samplers can extract samples from both non-pressurised and pressurised effluent sources (when specified with a Pressurised Pipeline Interface).

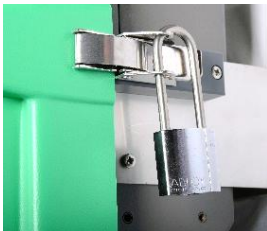


Aquacell S100

The Aquacell S100 shares the same features as the S50 with the addition of a high impact lockable Front Cover (providing both weather and tamper protection), plus a quick release Wall Mounting Plate



S100 shown with 10 litre container, Contamination Shield and Optional Suspension Bracket



Optional All Weather Security Padlock for protecting your Sampler

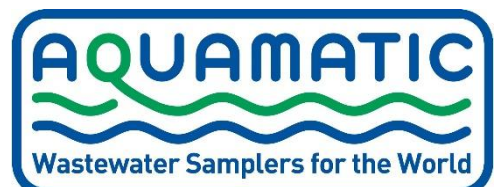


Optional Suspension Bracket for suspending a single container below your Aquacell S50 or S100



Contamination Shield for protecting collected samples below your Aquacell S100 (optional with S50)

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



Aquacell S50



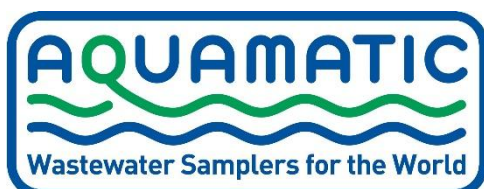
Aquacell S100



Product Features Key

	Stationary
	Wall Mounted
	Suitable for Indoor
	Suitable for Indoor & Outdoor
	Available with Single & Multiple Bottles
	Can be used with Pressurised Pipeline Interface

	GENERAL	S50	S100
	MCERTs Certified	Yes	Yes
	Sample Temperature Control	No	No
	Sample Frost Protection	No	No
	Suitable for outdoor use	No	Yes
	Intake Hose length	5m	10m
	DIMENSIONS/WEIGHTS	S50	S100
	Size (mm)	H290 W290 D240	H330 W300 D250
	Weight excluding container and options (Kg)	7.5	8.0
	POWER OPTIONS	S50	S100
	Integral Battery 12VDC 7Ah	Opt	Opt
	Mains 110/220/230VAC 50Hz	Yes	Yes
	Float Charged Backup Battery (12VDC 7Ah)	Opt	Opt
	Separate 12VDC	Opt	Opt
	POWER CONSUMPTION (VA)	S50	S100
	@110VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)
	@220VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)
	@230VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)
	ENVIRONMENTAL	S50	S100
	Minimum ambient working temperature °C	-10	-10
	Maximum ambient working temperature °C	50	50
	SAMPLE COLLECTION VESSELS (other options available)	S50	S100
	2.5, 5 and 10 litre HDPE Bottles	Opt	Opt
	25 litre MDPE Bottle	Opt	Opt
	2 x 4.5 litre Self-Emptying Polypropylene Bottler	Opt	Opt
	4 x 5 litre Glass Bottler	Opt	Opt
	4 x 5 litre HDPE Bottler	Opt	Opt
	12 x 0.75 litre Glass Bottler	Opt	Opt
	12 x 1 litre PET Bottler	Opt	Opt
	24 x 1 litre HDPE Bottler	Opt	Opt
	OPTIONAL EQUIPMENT (other equipment available)	S50	S100
	Ancillary Signal Connection (for flowmeters, pH meters, PLC's etc)	Opt	Opt
	Bottler Connection	Opt	Opt
	Data Connection	Opt	Opt
	Sample Temperature Monitoring	Opt	Opt
	Contamination Shield	Opt	Yes
	Quick release Wall Mounting Plate	Opt	Yes
	Sample Container Suspension Bracket	Opt	Opt
	Pressurised Pipeline Interface	Opt	Opt



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