

Stationary Samplers - AQUA-S320 and AQUA-S320H

DESCRIPTION

The 3S Analyzers stationary, refrigerated wastewater sampler series consists of the AQUA-S200, the AQUA-S320 and the rugged outdoor AQUA-S320H.

At the heart of each is the well proven AQUA Sampling Module, a robust and reliable unit already employed 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 AQUA Module provides for an extremely accurate, reliable, representative and repeatable sampling. 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, PLCs etc. The AQUA-S320 and the AQUA-S320H samplers can extract samples from both non-pressurized and pressurized (when specified with a Pressurized Pipeline Interface) effluent sources.

AQUA-S320







AQUA-S320H



FEATURES





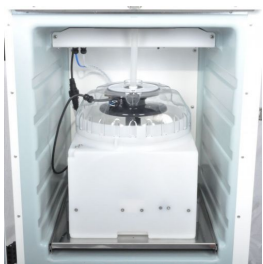



The AQUA-S320 can be used for indoor applications only while the AQUA-S320H is suitable for indoor and outdoor applications. Both models are based around the same high performance AQUA-S300 cabinet. All electronic equipment is protected in the upper compartments, while collected samples are kept separately and securely in the lockable, temperature controlled, lower compartment. Both the AQUA-S320 and AQUA-S320H models can be used with the full range of Sample Collection Vessels, including Integral Bottlers, which are supplied with a PullOut Tray for easy access to the sample collection bottles.

			
Inspection Window	Pull-out tray	Pressurized pipeline interface	Auxiliary Equipment IP66 / Nema 4 Enclosure

TECHNICAL SPECIFICATIONS

MODEL	AQUA-S320	AQUA-S320H
Sample Temperature Control	Yes	Yes
Sample Frost Protection	No	Yes
Suitable for Outdoor Use	No	Yes
Dimensions (H x W x D)	1450 x 850 x 765 mm (57 x 33.5 x 30 in)	1450 x 850 x 900 mm (57 x 33.5 x 35.4 in)
Weight	118 Kg (260 lbs)	120 Kg (265 lbs)
Power Supply	AC Power 110/220/230 VAC 50 Hz	AC Power 110/220/230 VAC 50 Hz
Power Consumption	665 VA @ 110 VAC, 615 @ 230 VAC	910 VA @ 110 VAC, 765 VA @ 230VAC
Protection Grade	IP50	IP54
Working Temperature	+5 – +40 °C (41 – 104 °F)	-10 – +40 °C (14 – 104 °F)
Sample Collection Vessels	2.5, 5, 10, 26 L HDPE Container 4 x 2.27 L Glass Bottler (Removable & Integral) 4 x 5 L HDPE Bottler (Removable & Integral) 4 x 6.4 L HDPE Bottler (Integral only) 8 x 2.8 L Bottler (Integral only) 4 x 15 L Bottler (Integral only) 12 x 1 L PET Bottler (Removable only) 12 x 0.75 L Glass Bottler (Removable only) 24 x 1 L HDPE Bottler (Removable only)	2.5, 5, 10, 26 L HDPE Container 4 x 2.27 L Glass Bottler (Removable & Integral) 4 x 5 L HDPE Bottler (Removable & Integral) 4 x 6.4 L HDPE Bottler (Integral only) 8 x 2.8 L Bottler (Integral only) 4 x 15 L Bottler (Integral only) 12 x 1 L PET Bottler (Removable only) 12 x 0.75 L Glass Bottler (Removable only) 24 x 1 L HDPE Bottler (Removable only)
Optional Equipment	Ancillary Signal Connection (for flowmeters, pHmeters, PLCs,...) Bottler Connection Data Download Connection Sample Temperature Monitoring Connection Intake Hose Extension	Ancillary Signal Connection (for flowmeters, pHmeters, PLCs,...) Bottler Connection Data Download Connection Sample Temperature Monitoring Connection Intake Hose Extension

OPTIONAL EQUIPMENTS

			
Single Container (2.5, 5, 10, 26 L)	Integral Bottler: 4 x 5 L Glass	Integral Bottler: 4 x 10 L HDPE	Integral Bottler: 8 x 2.8 L HDPE
			
Integral Bottler: 2 x 4.5 L self-emptying self-cleaning	Integral Bottler: 12 x 1 L HDPE	Integral Bottler: 12 x 1 L glass	Removable Bottler: 24 x 1 L HDPE

ORDERING INFORMATION

- AQUA-S320
- AQUA-S320H