

Wall Mounted Sampler - AQUA-S100

DESCRIPTION

The very small 3S AQUA-S100 is a simple and space saving solution for automatic sampling. The sampler is compact, lightweight and easy to install in proximity of the effluent source. The unit can be powered with 110/220 VAC mains or with the optional 12 VDC battery.

The air pump vacuum sampling system featured within every AQUA Module provides for a reliable, representative and repeatable sample without the weaknesses that can be associated with alternative sampling techniques. Programming set-up is very simple, with sample volumes from 50 - 500 mL (and above, using multiple shots/sample events) and sample intervals from 1 minute to almost 100 hours.

Sample extraction frequency can be time based or triggered by external sources such as flow meters, level sensors, pH meters, on-line analyzers, PLCs etc.

The AQUA-S100 sampler is provided with a lockable front cover that protects it from ambient conditions making it suitable for indoor or outdoor operation, ambient working temperature range: 14 °F (-10 °C) to 122 °F (+50 °C).

The sampler is suitable for use with any of the non Integral range of Sample Collection Vessels and it is also possible to extract samples from a pressurized effluent source, using the Pressurized Pipeline Interface.

FEATURES

Ideal when samplers are transported between sites or for temporary compliance purposes, the AQUA-S100 takes up minimal space and yet offers uncompromised sampling performance.

- Super-Compact and lightweight (only 8 Kg - 16.7 lbs)
- Suitable for indoor and outdoor use
- Wide ambient working temperature range: -10 °C (14 °F) to +50 °C (122 °F)
- Compatible with a wide range of sample containers
- AC Power and / or Battery powered
- Lockable Sampler Cover
- Wall mountable



TECHNICAL SPECIFICATIONS

Sample Temperature Control	No
Sample Frost Protection	No
Suitable for Outdoor Use	Yes
Dimensions (H x W x D)	330 x 300 x 250 mm (13 x 11.8 x 9.8 in)
Weight	8 Kg (16.7 lbs)
Power Supply	AC Power 110/220/230VAC 50Hz, 12 VDC or Integral battery 12 VDC 7Ah
Power Consumption	60 VA
Protection Grade	IP55
Working Temperature	-10 – +50 °C (14 – 122 °F)
Sample Collection Vessels	2.5, 5, 10, 26 L HDPE Container 4 x 2.27 L Glass Bottler (Removable only) 4 x 5 L HDPE Bottler (Removable 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,...) Data Download Connection Sample Temperature Monitoring Connection Intake Hose Extension

ORDERING INFORMATION

- AQUA-S100