

# Portable sampler - AQUA-COMPACT

## DESCRIPTION

The very small 3S AQUA-COMPACT can be powered by 110/220 VAC POWER, an external 12VDC supply or via an integral battery that can provide up to 350 samples on a full charge.

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. Ambient working temperature range: 14°F (-10°C) to 122°F (+50°C). Also, any of the Samplers can be supplied with a Sample Temperature Monitoring Facility. With this option, the minimum, maximum, average and present sample temperatures can be monitored on the display. Additionally all the Portable Samplers can be fitted with a Data Connection facility. This enables the download of logged sample temperature data from the Sampler Module to a PC (or similar) via the USB connection, and if needed, it is 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-COMPACT takes up minimal space and yet offers uncompromised sampling performance.

- Super-Compact and lightweight (only 7.3 Kg - 16 lbs)
- Suitable for indoor and outdoor use
- Ambient working temperature range: -10 °C (14°F) to +50°C (122°F)
- Supplied with integrated easy clean 5 liter low profile composite Sample Container
- AC Power and / or Battery powered
- Lockable Sampler Cover
- Front access to Sample Container without disturbing Sampler or Intake Hose



## TECHNICAL SPECIFICATIONS

Sample Temperature Control	No
Sample Frost Protection	No
Suitable for Outdoor Use	Yes
Dimensions (H x W x D)	430 mm x 320 mm x 375 mm (16.9 in x14.6 in x 14.8 in)
Weight	7.3 Kg (16 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	5 L Container
Optional Equipment	Ancillary Signal Connection (for flowmeters, pHmeters, PLCs,...) Data Download Connection Sample Temperature Monitoring Connection Intake Hose Extension

## ORDERING INFORMATION

- AQUA-COMPACT

