

# Portable sampler - AQUA-MULTIX

## DESCRIPTION

The versatile 3S AQUA-MULTIX can be powered by 110/220 VAC POWER, an external 12 VDC 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: -10 °C (14 °F) to +50 °C (122 °F). 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

The most versatile member of the Portable family. The AQUA-MULTIX can accommodate a choice of 4 Sample Collection Vessels. Changing Sample Collection Vessels is extremely quick and simple with the Aquacell Modules 'liftoff' design. The open aluminum frame structure provides easy visual inspection of the collected samples. Users will quickly appreciate the benefit of being able to see each sample depositing correctly into its container without having to dismantle any part of the Sampler.

- Lightweight (only 18.8 lbs – 8.5 Kg)
- Suitable for indoor and outdoor use
- Available for use with various Sample Collection Vessels
- 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)	780 mm x 445 mm x 445 mm (30.7 in x 17.5 in x 17.5 in)
Weight:	8.5 Kg (18.8 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	25 L Container 12 x 1 L PET Bottler 12 x 0.75 L Glass Bottler 24 x 1 L HDPE Bottler
Optional Equipment	Ancillary Signal Connection (for flowmeters, pHmeters, PLCs,...) Bottler Connection Data Download Connection Sample Temperature Monitoring Connection Transportation Truck Thermal Jacket Intake Hose Extension

## ORDERING INFORMATION

- AQUA-MULTIX

