

## AQUIBOX / AQUIFROID

HIGH QUALITY PORTABLE  
ISOTHERME OR REFRIGERATED  
ISO 5667-10 SAMPLER



- **Low cost and scalable sampler**

Small and moderate weight, Aquibox / Aquifroid with bottle(s) is transported separately (2 parts).

- **2 dosing systems available: vacuum or peristaltic pump**

- **Low investment**

The sampling head is the same for all portable Aquinox samplers, it is easy to transform an Aquibox (isotherm) to a Aquifroid (refrigerated).

Our Aquinox portable or stationary samplers are using the same controller and the same familiar user-friendly interface. No need to change your habits from one model to another, or learning more about this controller and its communication possibilities.

Long battery life up to 600 samples with its internal battery

**Aquibox / Aquifroid portable Samplers offer many possibilities in terms of bottles, from 1 x 6.4L to 24 x 1L**

**Aquifroid isolation and refrigeration characteristics are simply excellent.**

## CARACTERISTICS

<b>Dosing system</b>	
Dosing system	Vacuum pump (or peristaltic on request)
Sampling tube	Diameter : 12 mm Longueur : 5 mètres en standard Length : 5 meters (plus on request) Material : PVC reinforced with clear ballast brass or stainless steel at the end of tube
Volume precision <sup>1</sup>	± 1 ml
Detection system	Conductive fast response
Suction height	6 meters
Speed volume	0,5 m/s (to 5m height)
Sample volume	20 – 200 ml
Cleaning of the sample	Yes
Clearing blow (before sampling)	1 to 120 seconds
Clearing blow (after sampling)	1 to 120 seconds
Blow pressure	0,6 bars
Metering vessel <sup>2</sup>	DURAN glass. No tools needed for mounting
<b>Sample storage</b>	
Bidons	See datasheets
<b>Controller</b>	
Remote start on external contact	YES
Sampling from external contact (eg flowmeter)	1 to 999 contacts
Starting late	1 min to infinite
Sample Time	1 min to 250 h
Intervals	1 min to 100 h
Number of programs	9 (simultaneous or chained)
Analog output	0 or 4 to 20 mA
Interface	RS232 or RS485 RTC Modem (wired) or GSM Modem
Remote control	option
Batteries	Lead acid batteries
Autonomy	600 samples
Norms	CE
Cabinet	Portable with handle
Material	Stainless steel AISI304 (1.4301)
Charger	Internal
Protection	IP 55 The sampler and the active cooler must be protected against heavy rain, for example with a tarpaulin.
Operating temperature	0 to 55 °C
Humidity	80 % at 30 °C / 50% at 40 °C
Weight (with batteries)	13,5 kg
Dimensions H * W * D (mm)	430 * 415 * 290

1. Volumes must be distributed with fidelity and accuracy of at least 5% according ISO 5667-10

2. Sampler should be simple in design and easy to maintain, operate and clean according ISO 5667-10