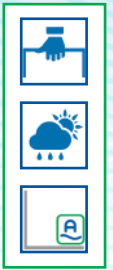




Wastewater Samplers

Portable Range: P2-COMPACT, P2-COOLBOX, P2-MULTIFORM



Aquamatic's range of three Portable Wastewater Samplers gives complete sampling flexibility. Like all the models in Aquamatic's Aquacell Sampler range, the tiny P2-COMPACT, the versatile P2-MULTIFORM and the passively cooled P2-COOLBOX all feature the unique, high-performance Aquacell Module. All can be powered by mains electricity, an external 12VDC supply or via an integral battery that can provide up to 400 samples on a full charge.

The air pump vacuum sampling system featured within every Aquacell Module provides for a reliable, representative and repeatable sample without the weaknesses that can be associated with alternative sampling techniques. Programming set-up is simplicity itself, with sample volumes from 50 - 500ml (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, PLC's etc. ALL Aquacell Sampler models are certified to the UK Environment Agency's MCERTs standard for Automatic Wastewater Sampling Equipment and also the International Standard for Wastewater Samplers ISO 5667-10.

All Aquamatic portable Samplers can extract samples from a pressurised effluent source, when specified with a Pressurised Pipeline Interface - Standard.



P2-COMPACT

Ideal when samplers are transported between sites, the Aquacell P2-COMPACT takes up minimal space and yet offers all the benefits of the high-performance Aquacell module. Supplied complete with a compact, low profile 5 litre HDPE Sample Collection Vessel.

P2-MULTIFORM

Combining the convenience and reliability of a portable Aquacell Sampler with the versatility of single or multiple bottle Sample Collection Vessels, the P2-MULTIFORM Sampler features a simple 'lift-off' design for access to easily visible Sample Collection Vessels. Like all Aquacell Samplers, the P2-MULTIFORM can be connected to and controlled by external equipment such as flow meters, pH meters or PLC's etc.



P2-COOLBOX

Designed for sampling biologically active wastewater, the Aquacell P2-COOLBOX features a high-performance passive Sample Temperature Control System that maintains samples at an optimal temperature of 0 - 5°C for up to five days. The passive temperature control system requires no power, therefore maximising on-board battery life. Sample temperatures can be measured and logged for subsequent download. Supplied complete with 5 litre Sample Collection Vessel and Cooling Elements.



Optional Data Connection (laptop not included)



Integral Battery



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Wastewater Samplers for the World

NB: Aquamatic Ltd reserves the right to change any information or specification within this document without prior notice.

P2-COMPACT











P2-COOLBOX



P2-MULTIFORM



Product Features Key

-  Portable
-  Floor Mounted
-  Indoor & Outdoor
-  Sample Cooling
-  Sample Frost Protection
-  Suitable for Single Containers
-  Suitable for Multiple Bottles
-  Can be used with Pressurised Pipeline Interface

MODEL	P2-COMPACT	P2-COOLBOX	P2-MULTIFORM
GENERAL			
MCERTS Certified	Yes	Yes	Yes
Sample temperature control	No	Passive	No
Sample frost protection	No	Passive	No
Suitable for outdoor use	Yes	Yes	Yes
DIMENSIONS/WEIGHTS			
Size (mm)	H430 W320 D375	H835 W430 D430	H780 W445 D445
Weight excluding container and options (Kg)	7.3	17.5	8.5
ENVIRONMENTAL			
Minimum ambient working temperature °C	-10	-10	-10
Maximum ambient working temperature °C	50	50	50
POWER OPTIONS			
Integral battery 12VDC 7Ah	Opt	Opt	Opt
Mains 110/220/230VAC 50Hz	Opt	Opt	Opt
Float charged backup battery (12VDC 7Ah)	Opt	Opt	Opt
Separate 12VDC	Opt	Opt	Opt
POWER CONSUMPTION			
Current (A) @ 12VDC	5	5	5
Power (VA) @110VAC	60	60	60
Power (VA) @220VAC	60	60	60
Power (VA) @230VAC	60	60	60
SAMPLE COLLECTION VESSELS			
5 litre container	Yes	Yes	No
25 litre container	No	No	Opt
12 x 1 litre PET Bottler	No	No	Opt
12 x 1 litre glass Bottler	No	No	Opt
24 x 1 litre HDPE Bottler	No	No	Opt
OPTIONAL EQUIPMENT			
Ancillary Signal Connection (for flowmeters, pH meters, PLC's etc)	Opt	Opt	Opt
Bottler Connection	N/A	N/A	Opt
Data Download Connection	Opt	Opt	Opt
Sample Temperature Monitoring	Opt	Opt	Opt
Transportation Truck	Opt	Opt	Opt

AQUAMATIC

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P2-COOLBOX with Passive Cooling System