



# P2-COMPACT, P2-MULTIFORM & P2-COOLBOX Portable, Outdoor Wastewater Samplers



All Portable Aquacell Samplers are designed to be floor mounted, inside or outdoors, adjacent to your effluent source. They can be supplied as standard with an Integral Battery or External 12VDC connection and also combined with a mains power connection. With the P2-MULTIFORM flexibility in sample collection is provided by a range of optional non-integral Sample Collection Vessels (see the specification table overleaf for details).

All three models offer simple operation combined with rugged construction and excellent reliability. At the heart of every model in the Aquacell range is the Aquacell Sampling Module; a robust and dependable sampling unit proven in thousands of applications worldwide and used in sectors spanning from food manufacturers to chemical producers, Water Companies and Environment Agencies all around the world.

The air pump vacuum sampling system featured within the Aquacell Sampling Module provides for a reliable, representative and repeatable sample at an extremely accurate volume (settable by the user).

Programming set-up is simplicity itself, with sample volumes from 50 - 500ml (and above) and sample intervals from 1 minute to almost 100 hours. Sample extraction frequency can be based on time 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 EN16479:2014, they are also generally in accordance with the International Standard for Wastewater Samplers ISO 5667-10.

All Portable Aquacell Samplers can extract samples from both non-pressurised and pressurised effluent sources (when specified with a Pressurised Pipeline Interface).



### P2-COMPACT

Supplied complete with a compact, low profile 5 litre HDPE Sample Collection Vessel.



### P2-MULTIFORM

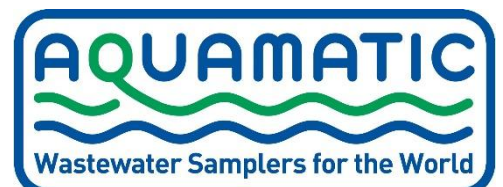
Combining portability with the versatility of optional single or multiple bottle Sample Collection Vessels, the P2-MULTIFORM features a simple 'lift-off' design to switch between your chosen containers.

### 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.



**MCERTS  
EN 16479  
CERTIFIED**



Soapstone Way, Irlam, Manchester, M44 6GP, UK  
+44(0)161 777 6607 sales@aquamaticsamplers.com  
www.aquamaticsamplers.com

## Aquacell P2-COMPACT











## Aquacell P2-MULTIFORM



## Aquacell P2-COOLBOX



## Product Features Key

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

GENERAL	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
MCERTs Certified	Yes	Yes	Yes
Sample Temperature Control	No	No	Yes (passive)
Sample Frost Protection	No	No	Yes (passive)
Suitable for outdoor use	Yes	Yes	Yes
Intake Hose length	2m	2m	2m

DIMENSIONS/WEIGHTS	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
Size (mm)	H430	H780	H835
	W320	W445	W430
	D375	D445	D430
Weight excluding container and options (Kg)	7.3	8.5	17.5

POWER OPTIONS	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
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 (VA)	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
@110VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)	60 (5)
@220VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)	60 (5)
@230VAC (max. inrush current (A) in brackets)	60 (5)	60 (5)	60 (5)

ENVIRONMENTAL	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
Minimum ambient working temp °C	-10	-10	-10
Maximum ambient working temp °C	50	50	50

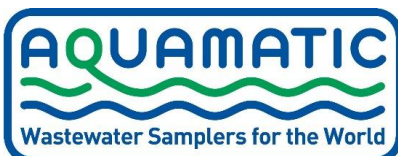
SAMPLE COLLECTION VESSELS	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
5 litre Low Profile MDPE Container	Yes	No	No
5 litre HDPE Container	No	No	Yes
25 litre MDPE Bottle	No	Opt	No
12 x 0.75 litre Glass Bottler	No	Opt	No
12 x 1 litre PET Bottler	No	Opt	No
24 x 1 litre HDPE Bottler	No	Opt	No

OPTIONAL EQUIPMENT (other equipment available)	P2-COMPACT	P2-MULTIFORM	P2-COOLBOX
Ancillary Signal Connection (flowmeters, pH meters, PLC's etc)	Opt	Opt	Opt
Bottler Connection	N/A	Opt	N/A
Data Connection	Opt	Opt	Opt
Sample Temperature Monitoring	Opt	Opt	Opt
Transportation Truck	Opt	Opt	Opt
Pressurised Pipeline Interface	Opt	Opt	Opt

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ISO  
9001

ISO  
14001



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