

Model	Hydrocell 1	Hydrocell 2	Hydrocell 4	Hydrocell 8
Bottles	1 x 10 litre LDPE (optional polypropylène)	2 x 10 litre LDPE (optional polypropylène)	4 x 10 litre LDPE (optional polypropylène)	8 x 4 Litre PPCO
Refrigeration	No	No	Yes	Yes
Frost protection	No	No	Yes	Yes
Dimensions (cm)	37(W) x 40(H) x 32(D)	68(W) x 100(H) x 46(D)	78(W) x 120(H) x 80(D)	78(W) x 120(H) x 80(D)
Operating Temperature	-20 to 70°C	-20 to 70°C	-20 to 70°C	-20 to 70°C

User Interface

Display	7 inch (800x480 pixels) full colour graphical display with anti-glare cover
Programming	Touch screen (optional wireless keypad)
Operating Systems	Windows CE 60 R3 (license included)
Enclosure rating	IP65
Logging	2GB SD Card records sampling events; alarm conditions; pump starts, pumped volume and configuration.

Software

Modes	Fully user programmable for calibration volume, line purge, start bottle, bottle sequence' continues or fixed cycle sample interval, refrigeration temperature.
Display Features	Graphical display of bottle filling action, current fill status, alarm conditions, spot sampling
Engineering	Password protected engineering mode for diagnostics, testing and software upgrades.

Power

Supply (AC)	85-240V 315A
Supply (DC)	24V 12A

Pump

Media source suitability	Wastewater from non-pressurised submersed sampling point
Type	Peristaltic with 24Vdc motor
Pump tube	Thick walled marprene tube, 8mm internal diameter
Intake tube	Braided LDPE up to 40m length
Maximum lift	7 metres (23 feet)
Repeatability	Typically, ±5ml (this may vary depending on the density of the liquid)

Control

Sample trigger	Pulsed input / 4-20mA input / contact closure / timed
Time based	Fully user programmable

Outputs and communications

Alarms	2 x User programmable SPCO rated at 5A@230Vac
Digital	2 x USB, 1 x Ethernet