

Properties	“GUARD”	“3700C Compact”	“OPEn-Sampler”	“Lisa Liquid-sampler”	“Coplen”
gastight samples	Yes	No	Yes	Yes	(Yes; covered by Teflon lid)
sample frequency	1 min to 168 h	1 min to 99 h 50 min	1 min to n.a.	1 h or 24 h	30 min or n.a.
estimated operating time (at a 2-day interval)	100 days	<70 days	n.a.	100 days	n.a.
maximum number of sample vials	160	24	24	48	96
sample volume	≤ 12 mL	0.375 to 9.45 L	250 mL	20 to 60 mL	15 mL
weight (incl. battery; excluding samples)	13 kg (+5.8 kg battery)	11.3 kg	≥ 25 kg*	≥ 13 kg (case only) ⁺	n.a.
weight (incl. battery and samples)	18.8 to 20.7 kg (depending on sample number)	15.8 to 23.3 kg (depending on sample size and number)	≥ 31 kg*	≥ 14 to 16 kg (case and samples; depending on sample size) ⁺	≥ 1.4 kg (samples only)
total outer dimensions	<i>H</i> : 31 cm; <i>L</i> : 67.5 cm; <i>W</i> : 53 cm; <i>V</i> : 0.11 m ³	<i>H</i> : 70.5 cm; <i>∅</i> : 45 cm; <i>V</i> : 0.14 Mm ³	<i>H</i> : 51 cm; <i>L</i> : 109 cm; <i>W</i> : 53 cm; <i>V</i> : 0.29 m ³ *	<i>H</i> : 59 cm; <i>L</i> : 80 cm; <i>W</i> : 60 cm; <i>V</i> : 0.28 m ³ ⁺	n.a.
rinse cycle(s) between samples	No	Yes, up to three	Yes	n.a.	No
Liquid presence detector (automatic compensation for changes in hydraulic head)	No	Yes	No	No	No
Different modes of sample pacing (e.g. time, flow)	No	Yes	No	No	No