



Water Samplers

Portable and Stationary Samplers




Vacuum technology for better samples



Campbell Scientific offers both portable and stationary automatic water samplers for storm water, waste water, or other water-quality applications. These samplers use external vacuum pumps to draw water through intake tubing, instead of the traditional peristaltic pumps that induce flow by squeezing flexible tubing. Advantages

of the vacuum pump method include faster sampling rates, longer sampling distances, and less maintenance. Because the vacuum method disturbs the water samples less, they better represent the original water solution, especially if the solution has high concentrations of suspended solids.

MAJOR SPECIFICATIONS

	Specialized Applications	5/8" ID Tubing Compatible	Maximum Horizontal Transport Velocity	Horizontal Transport Distance	Sample Container	Weight
<p>BVS4300C Outdoor AC-Powered, Composite Includes corrosion-resistant steel enclosure with a locking door and bolted-down instrument panel</p> 	Outdoor Refrigerated	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	STANDARD CLEAN: one 9 L bottle, or one 20 L bottle SUPER CLEAN: one 10 L bottle	WITH FRIDGE: 141 kg (310 lb) WITHOUT FRIDGE: 109 kg (240 lb)
<p>BVS4300D Outdoor AC-Powered, Discrete Includes corrosion-resistant steel enclosure with a locking door and bolted-down instrument panel</p> 	Outdoor Refrigerated	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	STANDARD CLEAN: one 8 L bottle, one 20 L bottle, or 24 0.5 L bottles SUPER CLEAN: one 10 L bottle, four 4 L bottles, eight 2 L bottles, or twelve 1 L bottles	WITH FRIDGE: 141 kg (310 lb) WITHOUT FRIDGE: 109 kg (240 lb)
<p>CVS4200C Indoor AC-Powered, Composite Includes corrosion-resistant steel enclosure</p> 	Indoor Refrigerated	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	STANDARD CLEAN: one 9 L bottle, or one 20 L bottle SUPER CLEAN: one 10 L bottle	WITH FRIDGE: 68 kg (150 lb) WITHOUT FRIDGE: 32 kg (70 lb)

More info: 435.227.9050

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	<i>Specialized Applications</i>	<i>5/8" ID Tubing Compatible</i>	<i>Maximum Horizontal Transport Velocity</i>	<i>Horizontal Transport Distance</i>	<i>Sample Container</i>	<i>Weight</i>
<p>CVS4200D Indoor AC-Powered, Discrete Includes corrosion-resistant steel enclosure</p> 	Indoor Refrigerated	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	STANDARD CLEAN: one 8 L bottle, one 20 L bottle, or 24 0.5 L bottles SUPER CLEAN: one 10 L bottle, four 4 L bottles, eight 2 L bottles, or twelve 1 L bottles	WITH FRIDGE: 91 kg (200 lb) WITHOUT FRIDGE: 32 kg (70 lb)
<p>PVS4100C Portable, AC-Powered, Composite Supports the fastest sampling rates and longest sampling distances</p> 	Fits in standard-sized manholes. Can be suspended by stainless-steel harness for sewer applications	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	one 9 L bottle	11.8 kg (26 lb)
<p>PVS4100D Portable, AC-Powered, Discrete Supports the fastest sampling rates and longest sampling distances</p> 	Fits in standard-sized manholes. Can be suspended by stainless-steel harness for sewer applications	yes	minimum of 1.5 m/s (5 ft/s) at 30.5 m (100 ft); > 0.8 m/s (2.5 ft/s) at 76.2 m (250 ft)	76.2 m (250 ft)	24 0.5 L bottles or 24 1 L bottles	11.8 kg (26 lb)
<p>PVS4120C Portable, Battery-Powered, Composite Most lightweight</p> 	Fits in small-sized manholes. Can be suspended by stainless-steel harness for sewer applications	no	1.2 m/s (4 ft/s) at 30.5 m (100 ft); >0.8 m/s (2.5 ft/s) at 67 m (220 ft)	67 m (220 ft)	one 9 L bottle	SAMPLER (no battery): 10.4 kg (23 lb) BATTERY: 1.8 kg (4 lb)
<p>PVS4120D Portable, Battery-Powered, Discrete Most lightweight</p> 	Fits in small-sized manholes. Can be suspended by stainless-steel harness for sewer applications	no	1.2 m/s (4 ft/s) at 30.5 m (100 ft); >0.8 m/s (2.5 ft/s) at 67 m (220 ft)	67 m (220 ft)	24 0.5 L bottles or 24 1 L bottles	SAMPLER (no battery): 10.4 kg (23 lb) BATTERY: 1.8 kg (4 lb)
<p>PVS4151C Portable, Battery-Powered, Composite Includes in Line wheels, a telescoping handle, three soft-grip handles, and a rugged enclosure</p> 	Designed for easy transport	no	1.2 m/s (4 ft/s) at 30.5 m (100 ft); >0.8 m/s (2.5 ft/s) at 67 m (220 ft)	67 m (220 ft)	one 9 L bottle	SAMPLER (no battery): 16.1 kg (35.5 lb) BATTERY: 1.8 kg (4 lb)