

QCEC

Quality Control Equipment Company

MODEL CVE-16-P

Portable Composite/Sequential Wastewater Sampler

The CVE-16 relies on proven durable vacuum/pressure pump technology, and a two year warranty is standard.

The model CVE-16-P is QCEC's trademark portable, composite/sequential wastewater sampler. It relies on proven vacuum pump technology for reliable performance. The pump exceeds EPA transport velocity requirements and generates a stronger purge. The maximum vertical lift is 23 feet on a standard unit, and 28 feet is available as an option. This portable unit is double walled, insulated, and has a rotationally molded polyethylene plastic case. Weighing 36 pounds, the CVE-16-P is easily transported to sample wastewater and effluents from sewers, flumes, manholes, etc.

A TWO YEAR WARRANTY is standard.



- 15-400ml adjustable sample container
- Heavy duty diaphragm vacuum pump
- Operates on 12 VDC (AC power optional)
- Pre-sample/post-sample purge—0-99 sec.
- Auto shut-off or continuous run
- Delay start—1 thru 9999 min.
- Constant sampling interval 1 thru 9999 min.
- Variable sampling—Time/Flow (1-24)
- Real Time Clock
- Inputs (pulses, 4-20mA, 0-10 VDC, 0-5VDC)
- Start/Stop programming
- Data logging
- Pass code protection
- Low battery auto shut down
- Liquid detection
- Recycle
- Rinse





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Specifications

Portable Unit and Controller:

Dimensions	
Diameter	17 7/8 in. (45.4 cm)
Height	35 3/8 in. (89.9 cm)
Approx. Weight	36 lb. (16.33 kg)

Power Requirement:	12 VDC
Temperature Limit:	32° F to 120° F (0° to 50° C)
Pump:	Vacuum suction lift pump
Intake Tubing:	Vinyl 3/8 in. (.95 cm)
Maximum Lift:	23 feet standard (7.01 m), 28 feet (8.6 m) optional
Sample Transport Velocity:	Greater than 2.0 fps @ 20' with a 3/8" (0.95 c) tubing
Repeatability:	5 ml
Programmable Functions:	Pre-purge: 0-99 sec. Sample vacuum time: 0-99 sec. Post-purge: 1-99 sec. Float shut-off Delay Start Flow pacing: pulses, 4-20mA, 0-10 VDC, 0-50 VDC Sampling interval: 1 to 9999 min. Sample size: 15 ml to 400 ml
Controller:	Microprocessor control
Warranty:	Two year warranty from shipment



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