

QCEC

Quality Control Equipment Company

MODEL CENTURY 3000 CVE-16

Indoor Refrigerated Composite/Sequential Wastewater Sampler

The CENTURY 3000 CVE-16 relies on proven durable vacuum/pressure pump technology, and a two year warranty is standard.

Built tough for tough duty, the model CENTURY 3000-CVE-16 is the trademark refrigerated 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. A TWO YEAR WARRANTY is Standard.



- 4.9 cubic foot refrigeration unit
- 15-400ml adjustable sample container
- Heavy duty diaphragm vacuum pump
- 115V operation
- 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 volts DC)
- Start/Stop programming
- Data logging
- Pass code protection
- Liquid detection
- Recycle
- Rinse





Model CENTURY 3000-CVE-16

Indoor Refrigerated Wastewater Sampler

Specifications

Refrigeration Unit and Controller:

Power Requirement:	115 VAC
Sample Temperature:	Maintains 39° F (4° C)
Temperature Limit:	32° F to 120° F (0° to 50° C)
Corrosion Protection:	Refrigerated copper lines, phenolic coated (enamel coating on condenser and compressor)

Dimensions	
Width	20 in. (51 cm)
Depth	24.25 in. (62 cm)
Height	43 in. (110 cm)
Approx. Weight	120 lb. (55 kg)

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
Line Velocity:	Greater than 2.25 FPS (0.69 m/sec) @ 20' with a 3/8" (0.95 c) tubing
Repeatability:	5 ml
Programmable Functions:	Pre-purge: 0-99 sec. Sample vacuum time: approximately 0-99 sec. Post-purge: 1-99 sec. Float shut-off Delay start Flow pacing (pulses): 1 to 9999 dry contacts, 4-20mA, 0-10VDC, 0-5VDC Sampling interval: 1 to 9999 min. Sample size: 15 ml to 400 ml
Controller:	Microprocessor control
Warranty:	Two years from shipment



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Teledyne Isco is continually improving its products and reserves the right to change specifications without notice.