

RCS-10-C SPECIFICATIONS

Dimensions----- 45.5" H x 23.0" D x 24.0" W
Dry Weight----- 105 lbs.
Operating Temperature Range--- 45-100°F (7-38°C)
Refrigeration Unit Capacity--- 5.2 cubic feet.
Sample Container----- 2.5 gal. Carboy. LD polyethylene.
Control Unit Enclosure----- NEMA 4X. UV-Stabilized. Lockable.
Sample Lift Limit----- Approx. 30 ft. vertical (24" Hg)
Program Modes----- Time based and external, (i.e. flow proportional).
Sampling Method----- Peristaltic pump.
Sample Distribution----- Single container. Optional 24-container selector module.
Sample Frequency----- 8 to 125 samples/day adjustable.
System Purge----- Automatic air purge after every cycle. Adjustable for various lift tubing lengths.
Sample Volume----- 20 to 300 ml. adjustable.
Sample Volume Repeatability--- +/- 10 ml. typical.
Suction Tubing Length Range--- 3-40 ft. 1/4" i.d. vinyl.
Pump ----- Three roller peristaltic pump with five-year warranty. Fully enclosed. Easily accessible for tubing changes.
Pumping Rate----- 225 ml./min.
Power Requirements----- 125 VAC, 60 Hz. 5A max.
Temperature Sensor----- Continuously monitors refrigeration chamber. Liquid crystal display on control panel updates every 15 seconds. Battery powered for reliability.

OPTIONS:

- ***24-container selector for discreet sampling (installs in refrigeration chamber).
- ***Weatherproof, lockable, heated enclosure assembly for outdoor installation.
- ***Integral BOD incubator.
- ***High and low temperature monitor with memory with alarm functions.
- ***Digital controls and interface.
- ***Flow meter interface for flow proportional sampling.
- ***Automatic cut-off (container full).