

## PRODUCT MODEL

Catalog # 7810016

# Acid-Resistant CentriVap Centrifugal Vacuum Concentrator



## All Features & Specifications

### Compliance

• UL 3101-1/61010-1 • CAN/CSA C22.2 No. 110.1 (115 V models) • CE Conformity Marking (230 V models)

### Features

• Brushed stainless steel and glacier white, epoxy-coated steel exterior with blue accents. • Glass lid. • Lid latch with safety sensor. • Phenol-free lid gasket. • PTFE-coated aluminum chamber with Hastelloy shaft. • 300-watt heater. • Microprocessor-controlled programming for run time from 1 to 999 minutes, heat from OFF to HI (100° C) in one degree increments, and heat time from 1 to 999 minutes. Memory stores 1 to 9 programs. • LCD for display of program number, actual and set point temperature, heater time remaining, and run time remaining. • Control panel with RUN/STOP button, PREHEAT button, set point SELECT button, increase/decrease buttons, and 3 Quick-Start buttons. • Centrifugal motion is provided by a brushless motor capable of achieving up to 1725 rpm. • Quick-Stop System to stop vacuum pump, open valve to bleed air into the chamber and stop the rotor within seconds after time expires or RUN/STOP button is pressed. • Automatic vacuum release valve. • Built-in vacuum delay allows rotor to achieve speed before applying vacuum. • Audible alarm to signal completion of set point run time. • 1/2" OD aluminum hose fitting for connection to vacuum tubing. Vacuum pump is not included. • Vacuum port with quick disconnect fitting for 1/4" ID tubing. • 115 volt models have a 115 volt electrical receptacle on the back to connect accessory vacuum pump to the system. • 230 volt models have a reverse IEC electrical receptacle on the back to

connect accessory vacuum pump to the system. • 115 volt models have a 6.5-foot, 3-wire cord with NEMA 5-15 plug. • 230 volt models have an 8-foot cord with NEMA 6-15 plug. • Overall dimensions with closed lid: 14.7" wide x 19.3" deep x 11.7" high (37.3 × 49.0 × 29.7 cm). • Actual weight 45 lbs. (20 kg). Shipping weight 65 lbs. (29 kg).

## Options

- International electrical configuration

## Required Accessories

- Diaphragm or Rotary Vane Vacuum Pump • CentriVap Cold Trap if using a Rotary Vane Vacuum Pump • Rotors • Sample tubes

## Optional Accessories

- CentriZap Strobe Light • Vacuum Controller • Laboratory Carts

## Specifications

Dimensions	14.7" w x 19.3" d x 11.7" h
Electrical	110/115 V, 50/60Hz, 12 amps
Height	0.000000
Shipping Length	0.000000
Metric Dimensions	37.3 × 49.0 × 29.7 cm
Metric Weight	29.000000
Width	0.000000
300-watt Heat Boost	Not Included
Centrivap Optional Accessories	Centrizap Strobe Light
Centrivap Required Accessories	Diaphragm or Rotary Vane Vacuum Pump
Lid Type	Glass
Receptacle and Plug Type	North America, 115 Volts, 15 Amps
Style	Benchtop
Type/application	Acids
Conformance	ETI