

Introducing!

concerto!

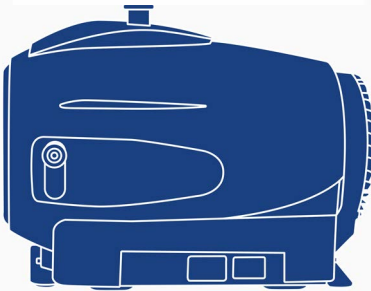
Control Your Evaporation Process Like a Symphony

Another Innovation From:



Control up to 4 Rotary Evaporators or Chambers above 0.5 Torr with a Single Vacuum Pump.

Fine Tune Your Evaporation Process with Concerto!

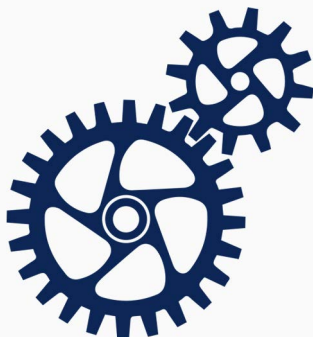
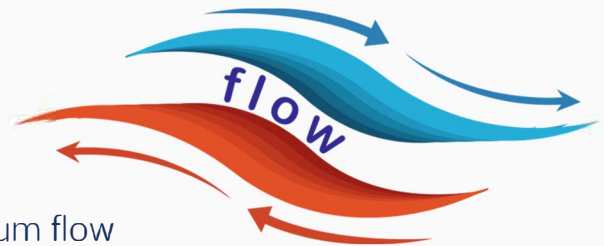


SIMPLIFY YOUR LAB & CONTROL MORE WITH LESS

Up to 4 chamber control with only 1 high-end vacuum pump for Rotary Evaporators up to 100 Liters and Falling Film Systems.

GO BIG OR GO HOME & MAXIMIZE THROUGHPUT

Largest flow paths available to insure maximum flow for faster evaporation.



PRECISION CONTROL & INTUITIVE DESIGN

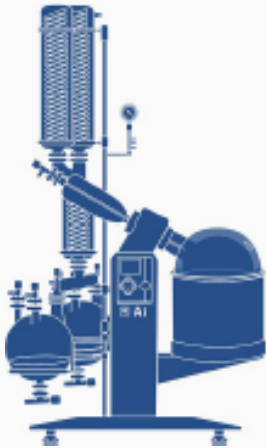
Ease of use through precise automated control with programmable recipes and graphing of vacuum levels plus actual numerical readings right on the LCD screen and one touch start, stop and release buttons.

Applications

Industrial



Vacuum Processing



Research & Development



SPECIFICATIONS

Valves

Wetted materials aluminum and Viton

Range of Control

2 Torr to 760 Torr

Accuracy/ Control

+/- 5% of reading

Time to Convergence

Within 5% after disturbance: <30 seconds

Integral Sensor for each of the 4 vacuum channels:

Isolated Piezo sensor | SEN-775i

Integral Sensor Accuracy

+/- 2 Torr

Integral Sensor Range

1-775 Torr

Integral Sensor wetted materials

316 Stainless steel, Isolated

Vacuum Path Orifice

Minimum orifice of 17.5 mm

Minimum Bleed Valve Orifice

10 mm

Set-Points

Quickly dial in set-points with control knob

Vacuum Fittings

Staggered fittings on rear to enable KF25 vacuum fittings or hose barb for rotovaps

Power

Auto sensing 110 V / 220 V 50/60 Hz power supply

Novel Vacuum Control

Proportional throttle and proportional bleed control (vent to atmosphere) delivered from an integral dual valve module per channel

4 Channels

Individually control vacuum and bleed valves for each of 4 channels with dedicated isolated sensors

Output

Ability to be controlled remotely via USB for integration into larger systems

Recipes

Program ramps and holds vacuum at different a duration and vacuum level

Enclosure

12" deep x 10.25" wide x 5.25" high

Weight

25 pounds

Certifications

CE, UL, CSA (planned for 1H 2020) RoHS