

SNAP

Controller



SIMPLIFY YOUR LAB

Control more with less, increasing precision of target vacuum pressure

NIMBLE CONTROL

Maximize throughput and pump down speed with a 20 mm vacuum path for maximum flow

AUTOMATIC PROCESS CONTROL

Precise automated vacuum control with programmable recipes and graphing of levels



2 TORR TO 760
TORR CONTROL



BUILT TO CE
STANDARDS



CALIBRATED
& PRECISE

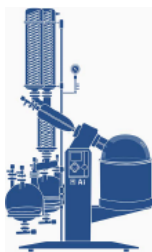
SNAP

Applications

Research & Development



Vacuum Processing



Industrial



SPECIFICATIONS

Range of Control
2 Torr to 760 Torr

Accuracy/ Control
+/- 5% of reading

Time to Convergence
Within 5% after disturbance: <30 seconds

Integral Sensor:
Isolated Piezo sensor | SEN-775i

Optional external sensor: 10 Torr capacitance manometer to regulate 50 microns - 10 Torr

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 20 mm

Minimum Bleed Valve Orifice
8.25mm (6.35mm)

Set-Points
Quickly dial in set-points with control knob, START, STOP, Vent or Isolate the System

Vacuum Fittings
KF25

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

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

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

Enclosure
4.75" W x 4.25" D x 9.25" H

Weight
10 pounds; (SS Version 12 pounds)

Certifications
Built to CE standards, RoHS