



# KNF VACUUM PUMP SYSTEMS

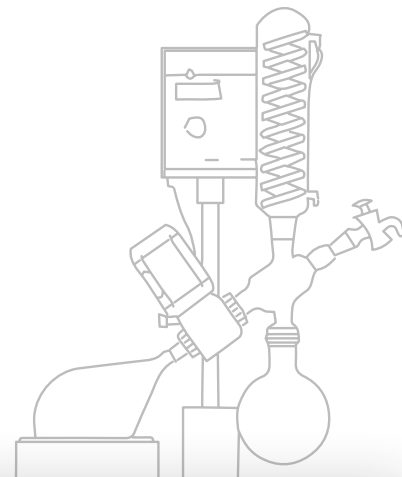
Create a safer work environment with RF remote control vacuum systems from KNF. Install the vacuum system under your bench or in a safety cabinet and control without the need for cable feed-throughs. Using the remote's touchscreen and rotary knob, evacuate a chamber, maintain a pressure you set, automatically find a sample's vapor pressure, or follow a user-defined pressure curve.



## SC 920 w/Wireless Remote Control

- Fast and accurate control.
- Automatic detection of boiling point.
- Wireless remote.
- Exceptional solvent recovery.
- Quiet operation.
- Easy to use and install.

Order Code  
13069-02



### Four operating modes:

- **Evacuate:** The vacuum pump system evacuates a vacuum chamber with adjustable pump capacity.
- **Pressure Control:** The vacuum pump system controls and maintains the vacuum to the set value.
- **Automatic:** The vacuum pump system automatically finds the vapor pressure of the sample. If there are any irregularities in the vacuum curve, the system will adjust the vacuum accordingly.
- **Individual Pressure Function:** The vacuum pump system controls the process according to a user-defined vacuum curve. The setpoint vacuum and the opening and closing of the coolant valve on the high-performance condenser can be easily entered for a range of set times. A repeat function allows successive repetitions of the programmed vacuum curve.

At any time during an active process, you can switch to manual process control. Functions for evacuate and pressure control will be available simultaneously.

### Specifications

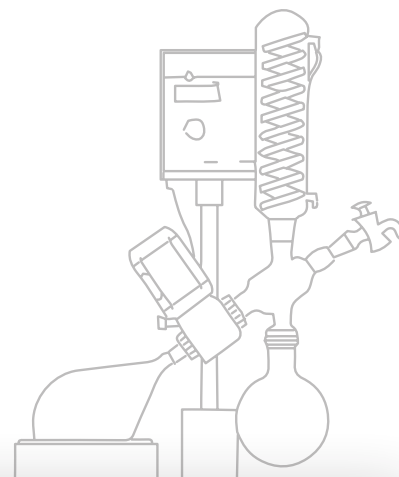
Flow Rate	20 l/min
Vacuum	1.5 Torr (2 mbar)
Power Connection	100-240 VAC, 50-60 Hz
Power Consumption	Max. 135 W
Hose Connection, Pneumatic	I.D. 10 mm (3/8")
Hose Connection, Coolant	I.D. 8 mm (1/4")
Current Consumption	Max. 1.7 A
Weight	15 kg (33 lb.)
Dimensions H x W x D	423 x 366 x 294 mm (16.6 x 14.4 x 11.6")
Control	Wireless Remote and Windows®-based software



# KNF

# VACUUM PUMP SYSTEMS

Create a safer work environment with RF remote control vacuum systems from KNF. Install the vacuum system under your bench or in a safety cabinet and control without the need for cable feed-throughs. Using the remote's touchscreen and rotary knob, evacuate a chamber, maintain a pressure you set, automatically find a sample's vapor pressure, or follow a user-defined pressure curve.



## SC 950 w/Wireless Remote Control

- Fast and accurate control.
- Automatic detection of boiling point.
- Wireless remote.
- Exceptional solvent recovery.
- Quiet operation.
- Easy to use and install.

Order Code  
13069-20

### Four operating modes:

- **Evacuate:** The vacuum pump system evacuates a vacuum chamber with adjustable pump capacity.
- **Pressure Control:** The vacuum pump system controls and maintains the vacuum to the set value.
- **Automatic:** The vacuum pump system automatically finds the vapor pressure of the sample. If there are any irregularities in the vacuum curve, the system will adjust the vacuum accordingly.
- **Individual Pressure Function:** The vacuum pump system controls the process according to a user-defined vacuum curve. The setpoint vacuum and the opening and closing of the coolant valve on the high-performance condenser can be easily entered for a range of set times. A repeat function allows successive repetitions of the programmed vacuum curve.

At any time during an active process, you can switch to manual process control. Functions for evacuate and pressure control will be available simultaneously.

### Specifications

Flow Rate	50 l/min
Vacuum	1.5 Torr (2 mbar)
Power Connection	100-240 VAC, 50-60 Hz
Power Consumption	Max. 150 W
Hose Connection, Pneumatic	I.D. 10 mm (3/8")
Hose Connection, Coolant	I.D. 8 mm (1/4")
Current Consumption	Max. 1.7 A
Weight	14.5 kg (32 lb.)
Dimensions H x W x D	487 x 246 x 313 mm (19.2" x 9.7" x 12.3")
Control	Wireless Remote and Windows <sup>®</sup> -based software



1430 Northwest Boulevard  
Vineland, NJ 08360

sales@aceglass.com  
P: (800) 223-4524  
F: (800) 543-6752