



## PRODUCTS WITH VALVE CONTROL

### VACUU-SELECT Complete Controller

The VACUU-SELECT Complete Controller is ready for use with existing vacuum sources like pumps or vacuum networks.

The intuitive touchscreen display offers predefined tools for all common vacuum processes. In evaporative processes, the first vapor pressure is detected then the controller uses 2-point control to maintain a stable vacuum. With several other applications included, and the ability to adjust or customize processes to your needs, VACUU-SELECT has you covered for a wide range of lab vacuum applications.

Available in a variety of configurations, VACUU-SELECT integrates seamlessly into virtually any lab. The VACUU-SELECT Complete Controller includes an integrated ceramic vacuum sensor, a vent valve, vacuum control valve, and check valve. This compact unit is easy to connect to your vacuum source.



control range	measuring principle	vacuum connector	Ord. No.	
atm. - 0.1 mbar	capacitive measurement via ceramic diaphragm	hose nozzle DN 6/10 mm	table top:	20700070
			scaffold mounting:	20700080
			built in:	20700060

### VACUU-SELECT configurations for control in fine vacuum range

VACUU-SELECT fine vacuum control packages provide an easy-to-use vacuum control option for work between 1 mbar and  $10^{-3}$  mbar, such as freeze drying, Schlenk lines, and molecular distillation. Predefined applications can be adjusted easily, and new applications can be created in a matter of seconds, to meet your precise needs.

Each fine vacuum control package includes the VACUU-SELECT controller, fine vacuum sensor, solenoid control valve, and connections. Choose between a Pirani-Sensor or - with extended measuring range - the VACUU-VIEW extended. All valves and sensors use VACUU-BUS communication. For use with smaller fine vacuum pumps like the RE/RZ 2.5 and RE/RZ 6 rotary vane pumps, or RC 6 chemistry-HYBRID pump, choose a KF DN 16 fine vacuum control package. For larger fine vacuum pumps like the RE/RZ 9 rotary vane pump, use a KF DN 25 fine vacuum control package.



pressure sensor	control range	measuring principle	vacuum connector + Ord. No.	
VSP 3000	5 - $10^{-3}$ mbar	ceramic coated Pirani-Sensor	KF DN 16 / HN DN 10:	20700101
			KF DN 25 / HN DN 15:	20700111
VACUU-VIEW extended	atm. - $10^{-3}$ mbar	ceramic coated Pirani-Sensor + capacitance sensor	KF DN 16 / HN DN 10:	20700100
			KF DN 25 / HN DN 15:	20700110

KF = small flange HN = hose nozzle