

# VACUUBRAND® VACUUM PUMPS

from BrandTech® Scientific

VACUUBRAND has been a pioneer in laboratory vacuum for over 40 years and brings convenience, performance, reliability, and economy to laboratory vacuum supply. We offer a complete range of VACUUBRAND® vacuum solutions, from oil-free pumps with chemical-resistant flowpaths, to fully integrated, electronically controlled vacuum systems. For applications requiring deeper vacuum, VACUUBRAND® has a line of durable, high performance HYBRID and rotary vane pumps.

## VACUUBRAND® Oil-Free Chemistry–design pumps

- **Corrosion resistant design** incorporates chemically resistant fluoropolymer heads, diaphragms, and valves. Cold traps are not required for most applications!
- **Extremely low maintenance.** Totally dry, there's no oil to change or monitor! Typical diaphragm lifetimes are in excess of 15,000 hours of use—that's years in most applications, so there are low service costs and very little downtime.
- Well suited for most applications including rotary evaporators, centrifugal concentrators, vacuum ovens, gel dryers, fluid aspirators, solid phase extraction and vacuum filtration.
- **Whisper quiet.** VACUUBRAND® pumps are extremely quiet. Most laboratory models operate at about the sound level of a hushed conversation.
- **Control Options** available include manual, two point electronic and fully automatic VARIO®.
- **VARIO®** vacuum systems offer users unsurpassed control of critical vacuum applications. The system automatically finds and follows boiling curves, continuously optimizing the vacuum level without programming presets. It's the ultimate productivity tool! Pump-control options also offer distinct productivity advantages compared with uncontrolled pumps, central vacuum system, and competitive vacuum products.



PC3001 VARIO<sup>PRO</sup>

## Sampling of VACUUBRAND® pumps for typical applications:

Application	Model	BrandTech Cat. No.	2016 Pricing
Rotary Evaporator	MD1C	696613	\$3,560.00
Rotary Evaporator	PC3001 VARIO <sup>PRO</sup>	696703	8,588.00
Rotary Evaporator	MZ1C	724103	1,936.00
Rotary Evaporator	MZ2C NT + AK + M + D	732703	4,045.00
Filtration /Degassing	ME1	721003	859.00
Filtration/Solid Phase Extraction (SPE)	ME1C	721103	1,091.00
Filtration	VACUU•LAN® Mini-Network	2614455	1,360.00
Ovens	MZ2C NT	732303	2,949.00
Ovens	MZ2C NT + 2AK	732503	3,851.00
Ovens	MD4C NT + 2AK	736603	7,706.00
Freeze Dryer	RC6 Chemistry-HYBRID	698563	7,375.00
Freeze Dryer	RZ9	698143	4,395.00
Schlenk Lines	RZ2.5	698126	2,495.00
Schlenk Lines /Freeze Dryer	RZ6	698136	3,501.00
Fluid Aspiration	BVC Professional (with level sensor)	727403	2,549.00
Fluid Aspiration	BVC Professional G (level sensor, glass bottle, "bleach-proof")	727503	2,549.00
Fluid Aspiration	BVC Control (no level sensor)	727203	2,091.00
Fluid Aspiration	BVC Control G (no level sensor, glass bottle, "bleach-proof")	727303	2,195.00

Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.

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# VACUUBRAND® VACUUM PUMPS

See applications below to identify an appropriate pump

## Pumps for Rotary Evaporation



**MD1C** 2mbar, 23lpm  
Oil-free chemistry design pump



**MZ2C NT +AK +M +D**  
7mbar, 38lpm with integrated flow control and gauge



**PC3001 VARIOPRO**  
2mbar, 34lpm **VARIO®** automatic control for continuously optimized vacuum.

## Tissue Culture Aspiration and Filtration



**BVC Professional** Self contained aspiration system with level sensor.



**Mini-Network**—Run 3 vacuum ports from 1 pump

**ME1** 100mbar, 14lpm



## Vacuum Oven



**MZ2C NT +2AK** 7mbar, 38lpm Smaller ovens



**MD4C NT +2AK** 1.5mbar, 63lpm  
Larger ovens and higher vapor loads

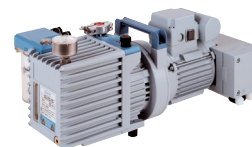
## Freeze Dryer



**RZ6**  $2 \times 10^{-3}$  mbar, 113lpm  
Small freeze dryers

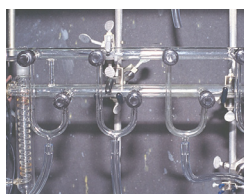


**RZ9**  $2 \times 10^{-3}$  mbar, 165lpm  
Medium sized freeze-dryers



**RC6**  $2 \times 10^{-3}$  mbar/113lpm  
Reduce oil changes up to 90%

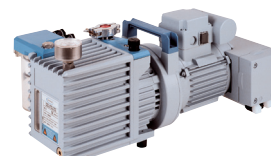
## Schlenk Lines



**RZ2.5**  $2 \times 10^{-3}$  mbar, 47lpm  
Small Schlenk Line



**RZ6**  $2 \times 10^{-3}$  mbar, 113lpm  
Larger or multiple Schlenk lines



**RC6**  $2 \times 10^{-3}$  mbar/113lpm  
Reduce oil changes up to 90%