

# VACUUBRAND® VACUUM PUMPS

**NOW THREE YEAR WARRANTY!\* from BrandTech®**

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® pumps are so reliable that BrandTech now offers three year warranties on customer registered vacuum pumps and systems (fluid aspiration systems excluded).

## 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 laboratory 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®. Electronic options all include the VACUU•SELECT® touch-screen controller.
- **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® select

## Sampling of VACUUBRAND® pumps for typical applications:

Application	Model	BrandTech® Cat. No.	2021 Pricing
Rotary Evaporator	MD 1C	20696613	\$3,195.00
Rotary Evaporator	PC 3001 VARIO® select	20700203	7,995.00
Rotary Evaporator	MZ 1C	20724103	2,051.80
Rotary Evaporator	PC 101 NT	20733003	3,979.00
Filtration/Degassing	ME 1	20721003	911.00
Filtration/Solid Phase Extraction (SPE)	ME 1C	20721103	1,156.80
Filtration	VACUU•LAN® Mini-Network	22614455	1,484.20
Ovens	MZ 2C NT	20732303	2,430.00
Ovens	MZ 2C NT +2AK	20732503	4,082.80
Ovens	MD 4C NT +AK+EK	20736703	5,830.00
Freeze Dryer	RC 6 Chemistry-HYBRID	20698563	7,818.40
Freeze Dryer	RZ 9	20698143	4,659.20
Schlenk Lines	RZ 2.5	20698126	2,645.00
Schlenk Lines/Freeze Dryer	RZ 6	20698136	3,632.40
Vacuum-regulation valve with manometer for ME1C/ME2C/MD1C		20696843	390.80

\*Two year warranty standard, with twelve additional months added for product registration with BrandTech®.

Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice. VACpumps\_FLY\_BT\_2021



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See applications below to identify an appropriate pump

## Pumps for Rotary Evaporation



**MD 1C**  
2 mbar, 23 lpm  
Oil-free chemistry pump



**PC 101 NT**  
7 mbar, 38 lpm  
Integrated flow control, gauge  
and solvent recovery



**PC 3001 VARIO® select**  
2 mbar, 34 lpm  
VARIO® automatic, touch-screen  
control for continuously optimized  
vacuum

## Filtration



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



**ME 1**  
100 mbar, 14 lpm

## Vacuum Oven



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



**MD 4C NT +AK +EK**  
1.5 mbar, 63 lpm  
Larger ovens & higher vapor loads

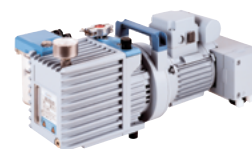
## Freeze Dryer



**RZ 6**  $2 \times 10^{-3}$  mbar, 113 lpm  
Small freeze dryers

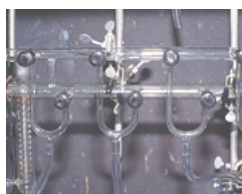


**RZ 9**  $2 \times 10^{-3}$  mbar, 165 lpm  
Medium sized freeze-dryers



**RC 6**  $2 \times 10^{-3}$  mbar, 113 lpm  
Reduce oil changes up to 90%

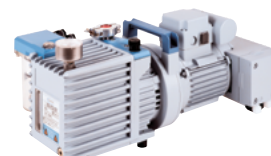
## Schlenk Lines



**RZ 2.5**  $2 \times 10^{-3}$  mbar, 47 lpm  
Small Schlenk Line



**RZ 6**  $2 \times 10^{-3}$  mbar, 113 lpm  
Larger or multiple Schlenk lines



**RC 6**  $2 \times 10^{-3}$  mbar, 113 lpm  
Reduce oil changes up to 90%