

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®. Electric 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.	2018 Pricing
Rotary Evaporator	MD1C	20696613	\$3,596.00
Rotary Evaporator	PC3001 VARIO® select	20700203	8,988.00
Rotary Evaporator	MZ1C	20724103	1,955.00
Rotary Evaporator	PC101 NT	20733003	3,791.00
Filtration/Degassing	ME1	20721003	868.00
Filtration/Solid Phase Extraction (SPE)	ME1C	20721103	1,102.00
Filtration	VACUU•LAN® Mini-Network	22614455	1,386.52
Ovens	MZ2C NT	20732303	2,978.00
Ovens	MZ2C NT +2AK	20732503	3,890.00
Ovens	MD4C NT +AK+EK	20736703	7,891.00
Freeze Dryer	RC6 Chemistry-HYBRID	20698563	7,449.00
Freeze Dryer	RZ9	20698143	4,439.00
Schlenk Lines	RZ2.5	20698126	2,520.00
Schlenk Lines/Freeze Dryer	RZ6	20698136	3,461.00
Vacuum-regulation valve with nanometer for ME1C/ME2C/MD4C		20696843	365.00

*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_2018



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See applications below to identify an appropriate pump

Pumps for Rotary Evaporation



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



PC101 NT
7mbar, 38lpm with integrated flow control, gauge and solvent recovery.



PC3001 VARIO select
2mbar, 34lpm **VARIO®** automatic, touch-screen control for continuously optimized vacuum.

Filtration



Mini-Network—Run 3 vacuum ports from 1 pump



ME1 100mbar, 14lpm

Vacuum Oven



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



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

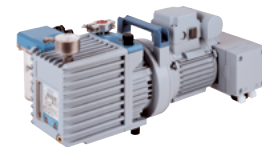
Freeze Dryer



RZ6 2×10^{-3} mbar, 113lpm
Small freeze dryers

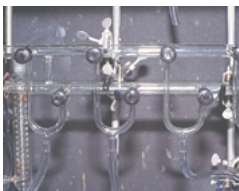


RZ9 2×10^{-3} mbar, 165lpm
Medium sized freeze-dryers



RC6 2×10^{-3} mbar/113lpm
Reduce oil changes up to 90%

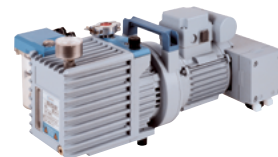
Schlenk Lines



RZ2.5 2×10^{-3} mbar, 47lpm
Small Schlenk Line



RZ6 2×10^{-3} mbar, 113lpm
Larger or multiple Schlenk lines



RC6 2×10^{-3} mbar/113lpm
Reduce oil changes up to 90%