

VACUUBRAND® VACUUM PUMPS

THREE YEAR WARRANTY!*

With over 50 years of experience in laboratory vacuum, VACUUBRAND 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 offers the VACUU·PURE®, an oil-free screw pump that reliably delivers vacuum down to the 10^{-3} mbar range. BRANDTECH® offers three year warranties on customer registered vacuum pumps and systems (BVC fluid aspiration systems excluded).

VACUUBRAND Oil-Free Chemistry Diaphragm Vacuum Pumps

- Corrosion resistant design incorporates chemically resistant fluoropolymer heads, diaphragms, and valves.
- Extremely low maintenance. There's no oil to change or monitor! Typical diaphragm service life up to 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 aspiration, solid phase extraction and vacuum filtration.
- Whisper quiet. VACUUBRAND diaphragm pumps are extremely quiet. Most laboratory models operate at about the sound level of a quiet 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.



PC 3001 VARIO® select

VACUUBRAND® VACUU·PURE Dry Screw Vacuum Pump

VACUU·PURE reliably delivers oil-free vacuum technology down to the 10^{-3} mbar range, while providing three important benefits:

- **100% oil-free** – This enables clean processes and pure products. Save both time and operating costs, since there is no need to dispose of waste oil or interrupt your work for oil changes.
- **No abrasion** – The unique operating principle enables contact-free rotation of the spindles.
- **No wear parts** – The spindles rotate contact-free. No wear parts means processes can run without interruption, saving time, reducing operating costs and enabling trouble-free operation.
- In addition to these benefits, the VACUU·PURE 10C features wetted materials made of chemically resistant polymers. A thick-walled PEEK encapsulation protects the spindles and stator inside the pumping chamber, providing high chemical resistance.



VACUU·PURE® 10C

For our Vacuum Pump Selection Guide, visit www.vacuubrand.com/vpsg or scan the QR code.



VACUUBRAND® VACUUM PUMPS

See basic pump options below for common vacuum applications

Filtration and SPE Manifold	BRANDTECH Cat. No.	Vacuum Drying Ovens	BRANDTECH Cat. No.
ME 1C		MD 1C	
<ul style="list-style-type: none"> 100 mbar, 14 lpm Standard benchtop filtrations 	20721103	<ul style="list-style-type: none"> 2 mbar, 25 lpm Basic manual pump for small-volume flasks 	20696603
ME 4C NT		MD 4C NT	
<ul style="list-style-type: none"> 70 mbar, 72 lpm Large-scale filtrations 	20731203	<ul style="list-style-type: none"> 1.5 mbar, 63 lpm Medium size chambers up to 65 L 	20736403
ME 2C NT		VACUU·PURE 10C	
<ul style="list-style-type: none"> 70 mbar, 40 lpm SPE manifolds 	20730103	<ul style="list-style-type: none"> 5 x 10⁻³ mbar, 150 lpm Larger size chambers up to 120 L and special deep vacuum applications 	20751003
Aspiration		Vacuum Concentrators	
BVC basic	20727000	MD 1C	20696603
<ul style="list-style-type: none"> Requires an external vacuum source (e.g., VACUU·LAN® vacuum network, etc.) 		<ul style="list-style-type: none"> 2 mbar, 25 lpm Small process volumes 	
BVC control	20727203	MD 4C NT	20736403
<ul style="list-style-type: none"> Integrated vacuum pump 		<ul style="list-style-type: none"> 1.5 mbar, 63 lpm Large process volumes 	
BVC professional	20727403		
<ul style="list-style-type: none"> Integrated vacuum pump with liquid level sensor 			
*Each version comes standard with a VacuuHandControl VHCpro and is available with either a 2L glass collection bottle for use with aggressive disinfectants or a heavy-duty 4L PP bottle.			
Rotary Evaporation		Schlenk Lines & Freeze Drying	
PC 3001 VARIO select	20700203	VACUU·PURE 10C	20751003
<ul style="list-style-type: none"> 2 mbar, 33 lpm Pump with vacuum control for small-volume flasks 		<ul style="list-style-type: none"> 5 x 10⁻³ mbar, 150 lpm Deep ult. vacuum with high chemical resistance 	
PC 3004 VARIO select	20737553	<p>*Two year warranty standard, with twelve additional months added for product registration with BRANDTECH (not applicable for BVC fluid aspiration systems). Pumps listed work at 120 V, 60 Hz</p> <p>Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice. VACpumps_FLY_BT_2022Product appearance, catalog numbers, prices, specifications, and technical information are subject to change without notice.</p> <p>VACpumps_FLY_BT_2022</p>	
<ul style="list-style-type: none"> 1.5 mbar, 77 lpm Pump with vacuum control for large-volume flasks 			
MD 1C	20696603		
<ul style="list-style-type: none"> 2 mbar, 25 lpm Basic manual pump for small-volume flasks 			

