

Green VACUUBRAND®



Our operations are "Green"...
and so are our vacuum pumps!

VACUUBRAND offers:

- VACUU•LAN vacuum networks as a modular, adaptable alternative to inflexible central vacuum systems. By producing vacuum on demand, they can reduce overall energy consumption by 70 to 90 percent compared with many central vacuum systems, capture waste vapors to reduce building emissions, and can deliver vacuum to 1.5 Torr to bench turrets, eliminating the expense and energy demand of many single-user supplemental pumps.
- Diaphragm vacuum pumps that can eliminate waste oil (and oil changes) for most lab vacuum applications;
- Vacuum pumps that require as much as 28% less electricity than many competitive models;
- Pumps that can capture nearly 100% of vapor emissions at the pump, without refrigerants;
- Frequency-controlled vacuum systems that dramatically reduce energy consumption (while providing unsurpassed application control);
- Oil-free pumps that we believe are the quietest in the industry, reducing noise pollution and improving working conditions;
- Vacuum controllers and gauges that are mercury-free for increased operational safety.

VACUUBRAND believes that sustainable lab operations are not only socially responsible but also cost effective. Reduced energy use and service requirements, right-sized installations, and the productivity advantages of electronically controlled vacuum, all lower costs and conserve resources, including the most valuable resource in the lab – the scientist's time.

Our manufacturing operations:

- Reclaim and recycle virtually all manufacturing lubricants, and 32 classes of production by-products
- Capture rainwater for process and sanitary use
- Use natural light in factories and offices, and use activity sensors to minimize electrical consumption
- Rely on natural convective cooling for plant and office comfort
- Capture waste factory heat, and use it for building and water heating
- Design our own low-waste, recyclable cardboard packaging

VACUUBRAND has been fully committed to environmental sustainability in manufacturing for decades. We first earned ISO 14001 certification for our environmental management program in 1997 – the first in our industry and only one year after the ISO 14001 program was established. We continue to adhere to those standards today.



Vacuum products from VACUUBRAND

Oil-free Vacuum Pumps

- Whisper-quiet operation
- Small footprint
- Ultra-long service intervals
- Chemical-resistant flow paths
- High pumping speeds under vacuum



MD1C
2 mbar, 25 lpm
VACUUBRAND
Cat. No. 20696603



MD4C NT
1.5 mbar, 63 lpm
VACUUBRAND
Cat. No. 20736403

VARIO Pumping Systems

- Self-regulating vacuum systems
- Continuously optimize applications
- Application-based touch screen controller
- Long service intervals & corrosion resistant
- Up to 90% lower energy use than fixed speed pumps

VARIO® automatic control for continuously optimized vacuum.



PC3001 VARIO select
2 mbar, 33 lpm
VACUUBRAND
Cat. No. 20700203

BVC Aspirations Systems

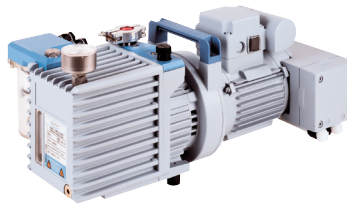
- Ideal for cell and tissue culture work
- Integrated pump operates only in demand
- Fully bleach-resistant models
- Adjustable suction - fast or gentle
- Liquid-level sensor to prevent overflows



BVC Professional G
Adjustable: 150 mbar to 850 mbar
VACUUBRAND
Cat. No. 20737503

Chemistry-HYBRID Vacuum Pump

- Combines rotary vane & diaphragm pumps
- Low pressure (10-3mbar) and low maintenance
- Reduces oil changes up to 90 percent compared with standard rotary vane pumps



RC6
2x10⁻³ mbar, 115 lpm
VACUUBRAND Cat. No. 20698563

Choose a reduced-maintenance Chemistry-HYBRID pump!

VACUU-LAN® Local Vacuum Networks

- Modular, multi-user vacuum
- One in-lab pump supports up to 16 users
- Suited for new labs or renovations
- Low lifetime energy and service costs

VACUU-LAN Local Vacuum Networks

Customized for your lab. Visit www.vacuu-lan.com for more information, or call for design support.



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