



The innovation journey continues

Dedicated R&D pricing on selected products—available throughout the year. Contact us to support your next project



The innovation journey continues

Research never stops. We support you all year.

With our dedicated program for universities and research institutes, Leybold offers continuous support for your research — throughout the entire year.

From customized vacuum solutions to expert consultation, we provide reliable technologies and structured support designed for long-term success.



TURBOVAC i/iX/iR

- Full range of turbomolecular pumps from 90–1.450 l/s
- Unique oil-free hybrid bearing concept for clean vacuum generation and low vibration operation
- Exceptional pumping performance also for light gases
- Integrated electronics and a variety of options for communication and control
- Variants with external electronic drive unit for radiation environment and/or remote operation
- UHV variants optimized for highest compression of light gases to achieve lowest ultimate vacuum



TURBOVAC MAG iS

- Turbomolecular pumps, magnetically levitated
- Compact product line for clean high and UHV vacuum generation
- Pumping speed range 1.200–3.207 l/s
- High compression ratio for all gases
- Low maintenance requirements



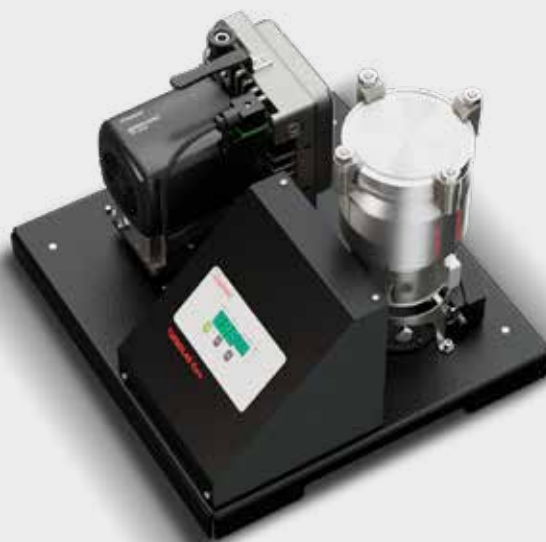
TURBOLAB

- Easy to relocate pumps out and away from the frame
- Innovative turbo station offering dedicated ports for the connection of six different accessories and two gauges
- Enhanced pump performance
- Compact mobile design
- Small foot print



TURBOLAB CORE

- Cost-efficient, easy to use turbomolecular pump system
- Compact mobile design, small footprint
- Simple controller, connection possibility for a gauge and venting valve
- Low maintenance requirements
- Pumping speed range 90-250 l/s
- Diaphragm or Scroll pump option



TURBOVAC MAGiNTEGRA

- Turbomolecular pumps, magnetically levitated
- Clean, high and ultra-high vacuum generation
- Pumping speeds of up to 2,200 l/s
- Suitable for industrial processes such as PVD, display coating, and glass coating
- Maintenance-free in most applications



SCROLLVAC plus

- Compact dry scroll pump in robust design
- Five speed variants with the SCROLLVAC 3, 7, 10, 15 and 18 plus
- Ideal for backing turbomolecular pumps
- Ultimate pressure < 0.1 mbar
- Compatible with GENIUS Instant Insights (SCROLLVAC 7 to 18 Plus)
- Long service intervals



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Gamma

Full range of vibration-free and maintenance-free TiTan ion pumps, titanium sublimation pumps (TSP) and related controllers to achieve best ultimate pressures for UHV generation

GAMMA HyTan

- Small Ion-pump - NEG pump combination
- NEG modules with 100-500 l/s for H₂, Ion pumps with 1-3 l/s pumping speed for N₂
- Small footprint, easy assembly, flexibility of options



RGA (LEYSPEC)

- High sensitivity residual gas analysis
- Product range with solutions for 100, 200 or 300 amu
- Intuitive operated LEYSPEC software, integrated display
- Compact in size and mountable in any orientation
- Bake out temperatures up to 300 °C for gas analysis in harsh environments
- Cart versions with pumping system available



Hardware

includes all components used to connect and operate a vacuum system, such as tubing, clamps, seals (gaskets/O-rings), blanks, and feedthroughs.

Standard valves

provide reliable solutions for a wide range of vacuum applications, built on extensive engineering experience. They are designed for durability and are available in different actuation types (electropneumatic, pneumatic, electromagnetic, or manual).

Gate valves

are easy to install and control, offering reliable performance in high-throughput processes that require fast, repetitive operation. They are available in various sizes (DN 16–250) with different flange and control options.



Measurement instruments

- From atmosphere to UHV, Leybold offers a complete range of valves, hardware, and fittings with all possible flange types.
- Vacuum pressure devices, measurement gauges, and display units.
- Measurement with active and passive sensors in a pressure range from 2,000 mbar to UHV



PHOENIX 4 Series

Compact Leak Detectors

- Easy and intuitive operation
- High pumping speeds
- Available in multiple versions

PHOENIX MOBILIS Ultra

Ideal for standard industrial environments, quick laboratory checks, and magnetic field applications.

- Multi-gas leak detection
- Portable and handheld design



COOLVAC cryo pump COOLPAK helium compressor

- High water vapor pumping capabilities
- Long maintenance direction
- Installation in any orientation
- Boost (fast cool down), customized or economical mode
- Pumping speeds of up to 60,000 l/sec
- DN ISO-K, ISO-F, CF and ANSI flange variants with vertical or horizontal orientation
- Two variants for manual and for fully-automatic system control and regeneration available



ECODRY 65 He plus

- Leak tightness 5×10^{-8} mbarl/s
- Integral leak testing confirms compliance with defined performance standards
- Supplied with a certificate confirming the pump has passed the integral leak test
- Gas-ballast free design eliminates a potential leakage point and a source of undesired gas contamination



ECODRY plus

- Dry compressing, compact multi-stage roots pumps
- 4 pump sizes: 25, 35, 40 and 65 m³/h
- Very low noise level and low vibrations
- Excellent pumping performance also for light gases
- Compact design



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TURBOVAC i

PROMOTION 90 i ISO-K

810031V1000	TURBOVAC 90 i / DN 63 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0007	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 250 i ISO-K

820051V1000	TURBOVAC 250 i / DN 100 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0009	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 350 i ISO-K

830051V1000	TURBOVAC 350 i / DN 100 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 450 i ISO-K

830071V1000	TURBOVAC 450 i / DN 160 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 850 i ISO-K

840071V1000	TURBOVAC 850 i / DN 160 ISO-K
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 950 i ISO-K

840091V1000	TURBOVAC 950 i / DN 200 ISO-K
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 90 i CF

810041V1000	TURBOVAC 90 i / DN 63 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0007	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 250 i CF

820061V1000	TURBOVAC 250 i / DN 100 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0009	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 350 i CF

830061V1000	TURBOVAC 350 i / DN 100 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 450 i CF

830081V1000	TURBOVAC 450 i / DN 160 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 850 i CF

840081V1000	TURBOVAC 850 i / DN 160 CF
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 950 i CF

840111V1000	TURBOVAC 950 i / DN 200 CF
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

The TURBOVAC i range offers an integrated electronic drive and a compact user interface with USB, RS485, and digital I/O connections plus 1 port for accessory control.



TURBOVAC iX

PROMOTION 90 iX ISO-K

810031V3300	TURBOVAC 90 iX / DN 63 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0007	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 250 iX ISO-K

820051V3300	TURBOVAC 250 iX / DN 100 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0009	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 350 iX ISO-K

830051V3300	TURBOVAC 350 iX / DN 100 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 450 iX ISO-K

830071V3300	TURBOVAC 450 iX / DN 160 ISO-K
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 850 iX ISO-K

840071V3300	TURBOVAC 850 iX / DN 160 ISO-K
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 950 iX ISO-K

840091V3300	TURBOVAC 950 iX / DN 200 ISO-K
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 90 iX CF

810041V3300	TURBOVAC 90 iX / DN 63 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0007	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 250 iX CF

820061V3300	TURBOVAC 250 iX / DN 100 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0009	Air cooling radial
800100V0005	Mounting kit TURBO.POWER integra

PROMOTION 350 iX CF

830061V3300	TURBOVAC 350 iX / DN 100 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 450 iX CF

830081V3300	TURBOVAC 450 iX / DN 160 CF
800100V0003	TURBO.POWER integra
800110V0021	Start-stop switch for TURBOVAC i/iX
800102V0002	Power cable - 3m EU-plug - C13
800136V0005	Air cooling radial

PROMOTION 850 iX CF

840081V3300	TURBOVAC 850 iX / DN 160 CF
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

PROMOTION 950 iX CF

840111V3300	TURBOVAC 950 iX / DN 200 CF
800100V0010	TURBO.POWER 800 (IP54)
800110V0021	Start-stop switch for TURBOVAC i/iX
411310V03	Power cable - EU 2.5m
800135V0007	Water cooling
800100V0110	Mounting Kit TURBO.POWER 800

The **TURBOVAC iX** versions provide an extended functionality, acting as vacuum system controller. They feature all interfaces of the **TURBOVAC i** versions. In addition, it provides 3 accessory control ports as well as a gauge port for gauge supply and pressure data acquisition.



TURBOVAC i/iX promotion packages


These packages include all essential accessories for seamless pump operation, such as air- or water cooling, power supply (including a start/stop switch), mounting kit, and cables.

To simplify monitoring and control of your turbomolecular pump system, upgrade your package with a Display controller.




Discover MyVacuum – Our New Online Store!

Enjoy a faster, smarter shopping experience with intuitive navigation, instant order confirmation, and easy access to your order history. No registration needed for existing customers—just log in and start exploring!

The discount applies to orders placed from now until December 31, 2026, subject to availability. We recommend placing your order as soon as possible to ensure delivery before the end of the year. Otherwise, delivery cannot be guaranteed. The general terms and conditions of sales for Leybold GmbH  apply. Please refer to campaign RD2026.



Pioneering products. Passionately applied.

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