TURBOVAC MAG iNTEGRA

Wide range Turbomolecular pumps



TURBOVAC MAG iNTEGRA

Compact product range for industrial applications

Combining accuracy, precision & reliability

Qualities essential to the vacuum technology and aircraft industries alike.

When it comes to vacuum technology, magnetically levitated turbomolecular pumps from Leybold feature high pumping and gas throughput for faster pumpdown to improve equipment cycle times.
The 5-axis active magnetic bearing and drive system combines high reliability and efficient operation.



Advantages of magnetically levitated turbomolecular pumps



- Insensitivity to process particles/dust
- Shock venting tolerance
- Reliability in industrial environments
- Robust and trouble-free operation
- Low cost of ownership
- Suitability for vibration-sensitive applications
- Maintenance-free operation in most applications
- Monitoring of performance data
- Self-protection in case of exceeding operation limits or malfunction

All models come with:

- Fully integrated converter and power supply: eliminate the need for a conventional rack-mounted controller and interconnecting cables
- Flexible design with controller position on the side or bottom: easy system integration
- Innovative and modular industrial communication solution: easy integration with your equipment to meet both current and future requirements
- High robustness in industrial environments as required in PVD, display, solar and optical coating applications

Accessories

Choose from a wide range of accessories to control and monitor the performance of your TURBOVAC MAG iNTEGRA:

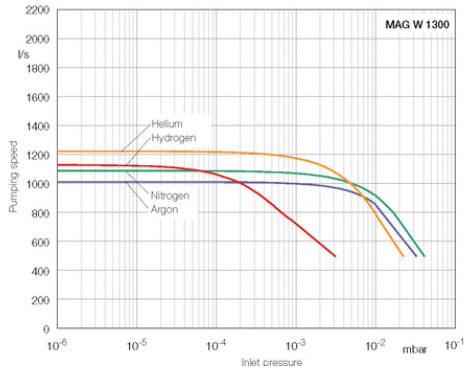
- Controllers for pressure measurement
- Systems for active and passive sensors, water and air cooling facilities, venting valves, cables, etc.
- Forevacuum pumps and systems, engineering and application support

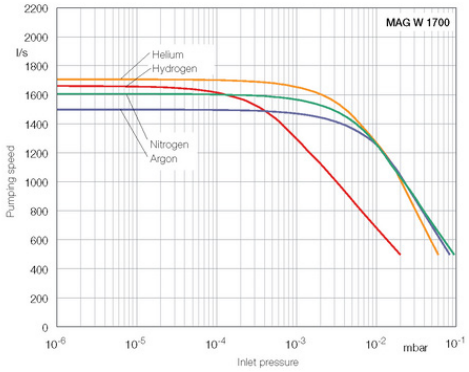
Options

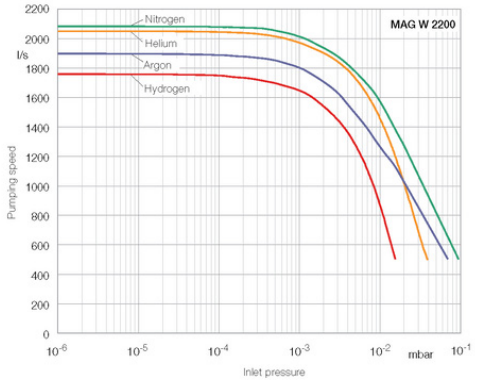
TURBOVAC MAG iNTEGRA Turbomolecular pumps are available with the following features:

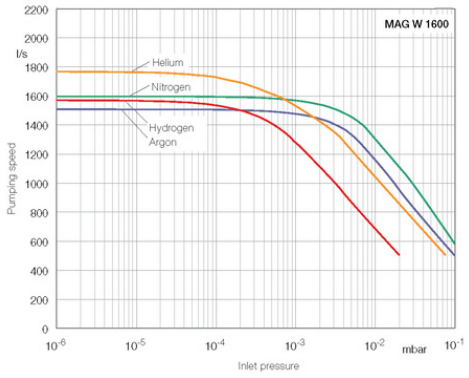
- Inlet flanges ISO-K, ISO-F, CF
- Mounting position of the integrated controller and power supply:
  - Flanking: iP version
  - Bottom: iPL version
- Interfaces 9 pin 24V PLC, Profibus, RS485, Ethernet and others based on your particular needs.

Performance Data









Applications

Coatings

- Industrial glass coating
- Web
- Optical



Solar

- Sputtering (TCO)



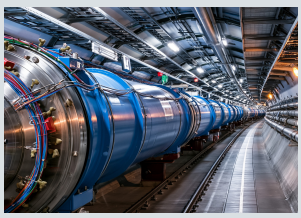
Display

- Flat Panel
- PVD
- LCD



Analytics

- Analytical systems
- Electron microscopes
- Particle accelerators



Ordering information

MAG W	W1300 iP/iPL	1600 iP/iPL	MAG 1601 iP/iPL	1700 iP/iPL	2200 iP/iPL	MAG 2201 iP/iPL
TURBOVAC MAG iNTEGRA with Profibus interface						
ISO-F	411300V0504 411300V0704	411600V0504 411600V0704	411600V2504 411600V2704	411700V0504 411700V0704	412200V0504 412200V0704	412200V2504 412200V2704
CF	411300V0506 411300V0706	-		411700V0506 411700V0706	412200V0506 412200V0706	
TURBOVAC MAG iNTEGRA with 9 pin 24V PLC						
ISO-F	411300V0514 411300V0714	411600V0514 411600V0714	411600V2514 411600V2714	411700V0514 411700V0714	412200V0514 412200V0714	412200V2514 412200V2714
CF	411300V0516 411300V0716	-		411700V0516 411700V0716	412200V0516 412200V0716	

P: flanking controller installation
iPL: bottom controller installation
Additional interface options, including RS485 and Ethernet, available on request

Leybold

Pioneering products. Passionately applied.

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Technical alterations reserved.