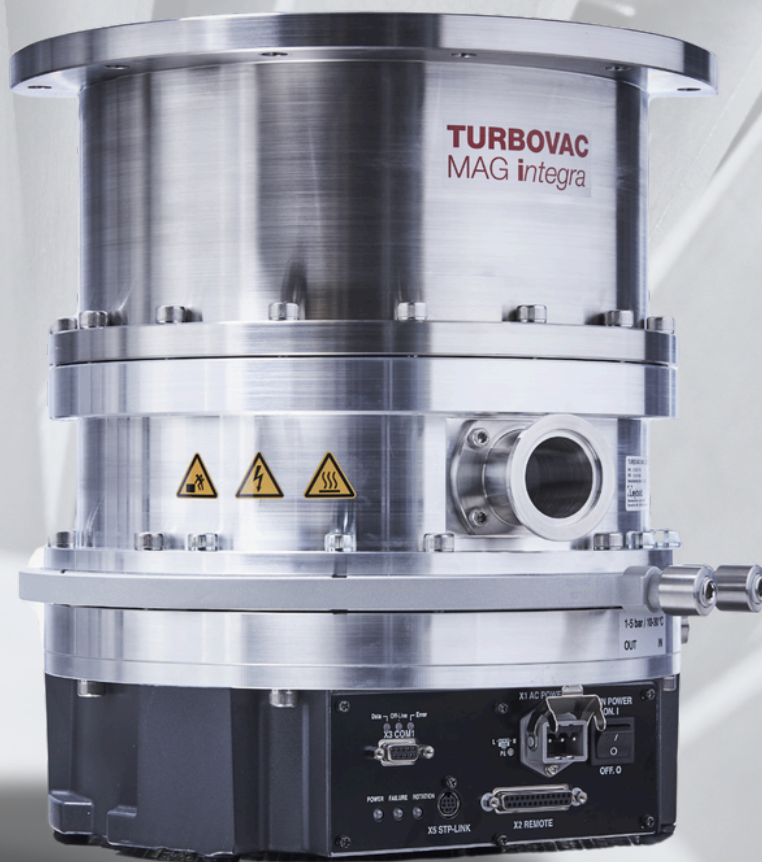


# TURBOVAC MAG iNTEGRA



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

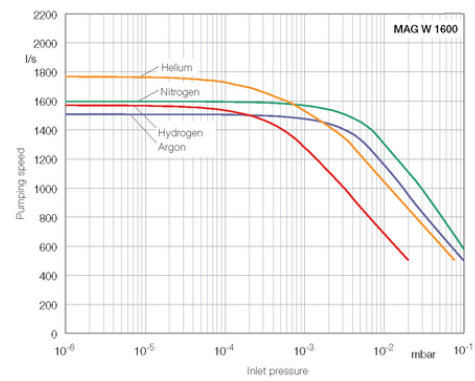
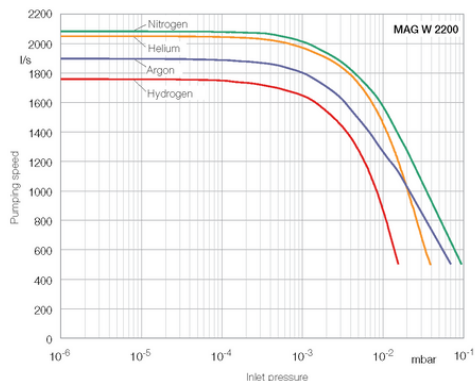
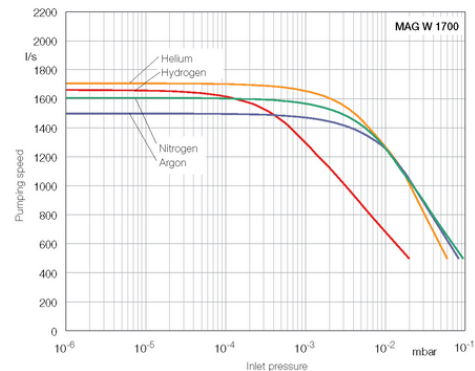
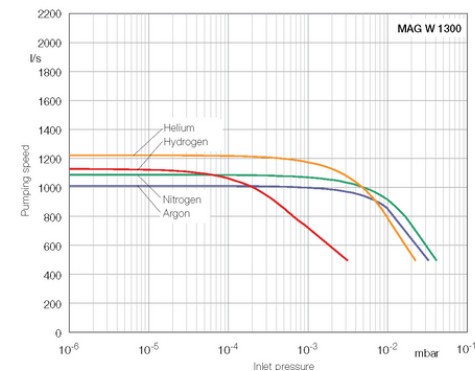
- Controllers for pressure measurement
- Systems for active and passive sensors, water and air cooling facilities, venting valves, cables, etc.
- Forevacuum pumps and systems, engineering and application support

## 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	1300 iP(L)	1600 iP(L)	1700 iP(L)	2200 iP(L)
<b>TURBOVAC MAG iNTEGRA with Profibus interface</b>					
ISO-F	iP	411300V0504	411600V0504	411700V0504	412200V0504
	iPL	411300V0704	411600V0704	411700V0704	412200V0704
CF	iP	411300V0506	---	411700V0506	412200V0506
	iPL	411300V0706	---	411700V0706	412200V0706
<b>TURBOVAC MAG iNTEGRA with 9 pin 24V PLC</b>					
ISO-F	iP	411300V0514	411600V0514	411700V0514	412200V0514
	iPL	411300V0714	411600V0714	411700V0714	412200V0714
CF	iP	411300V0516	---	411700V0516	412200V0516
	iPL	411300V0716	---	411700V0716	412200V0716

iP: flanking controller installation

iPL: bottom controller installation

Additional interface options, including RS485 and Ethernet, available on request



Pioneering products. Passionately applied.