HiPace 700 M

Turbomolecular vacuum pumps

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP

Maintenance-free

Electromagnetic suspension protecting rotor from premature wear, continuous rotor imbalance compensation

Quiet

Low noise and vibration levels

Reliable

Hydrocarbon-free, automatic sensor calibration during operation

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- Various fieldbus systems
- Power supply kit and display unit
- Pressure sensor
- Mounting kit
- Safety valve
- Venting accessories
- Power failure venting unit

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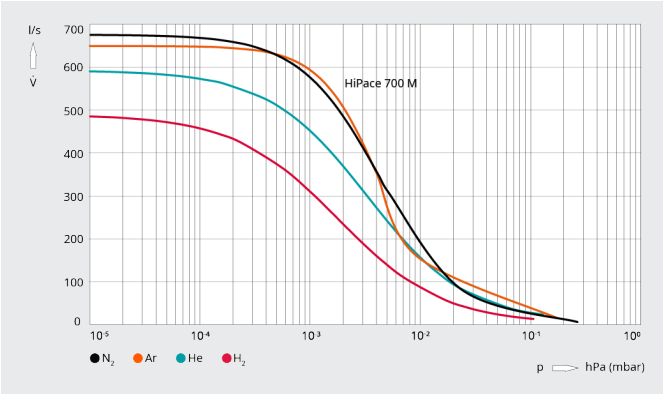
Pumping speed



	HiPace 700 M
Pumping speed for N_2	685 l/s
Pumping speed for H_2	480 l/s
Pumping speed for He	600 l/s
Pumping speed for Ar	660 l/s
Compression ratio for N_2	$1 \cdot 10^{11}$
Compression ratio for H_2	$2 \cdot 10^{5}$
Compression ratio for He	$1 \cdot 10^{7}$
Compression ratio for Ar	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for N_2	13 hPa l/s
Gas throughput at final rotational speed for Ar	8 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for He	16 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for H_2	16 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N_2	16 hPa l/s
Forevacuum max. for N_2	8 hPa
Run-up time	4 min
Sound pressure level (EN ISO 2151)	45 dBA

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Weight approx.	15.7 kg
Communication interfaces standard	RS-485, remote
Communication interfaces optional	Profibus, Ethercat, Semi E74
Mounting orientation	arbitrary
Gas inlet / outlet	DN 160 ISO-K/ISO-F/CF-F / DN 25 ISO-KF /G 1/4"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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