

HiPace 700 M

Turbomolecular vacuum pumps



Reliable

Hydrocarbon-free, automatic sensor calibration during operation

Quiet

Low noise and vibration levels

Maintenance-free

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

Accessories

- 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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Dimensional drawing

Pumping speed

The following technical values refer to ISO Hz

HiPace 700 M with TM 700	
Pumping speed for Ar	660 l/s
Pumping speed for He	600 l/s
Pumping speed for H#	480 l/s
Pumping speed for N#	685 l/s
Compression ratio for Ar	$1 \cdot 10^{11}$
Compression ratio for He	$1 \cdot 10^{\#}$
Compression ratio for H#	$2 \cdot 10^{\#}$
Compression ratio for N#	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for Ar	8 hPa l/s
Gas throughput at final rotational speed for N#	13 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#	9 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N#	16 hPa l/s
Forevacuum max. for N#	8 hPa
Run-up time	4 min
Communication interfaces optional	Profibus, Profinet, Ethercat, Devicenet, Semi E74
Communication interfaces standard	RS-485, remote
Mounting orientation	arbitrary
Sound pressure level (EN ISO 2151)	45 dBA
Weight approx.	15.7 kg
Gas inlet	DN 160 ISO-K/ISO-F/CF-F
Gas outlet	DN 25 ISO-KF /G 1/4"

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Do you want to know more

Please contact us!
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Contact form



Call us now