

# HiPace 300 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 300 M with TM 700	
Pumping speed for Ar	250 l/s
Pumping speed for He	215 l/s
Pumping speed for H#	170 l/s
Pumping speed for N#	255 l/s
Compression ratio for Ar	$1 \cdot 10^{11}$
Compression ratio for He	$1 \cdot 10^8$
Compression ratio for H#	$5 \cdot 10^8$
Compression ratio for N#	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for Ar	13 hPa l/s
Gas throughput at final rotational speed for N#	28 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for He	8 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for H#	5 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N#	10 hPa l/s
Forevacuum max. for N#	20 hPa
Run-up time	2 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.	13.1 kg
Gas inlet	DN 100 ISO-K/ISO-F/CF-F
Gas outlet	DN 16 ISO-KF

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**Do you want to know more**

Please contact us!  
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Contact form



Call us now