

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

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Contact form



Call us now