

# HiPace 700

Turbomolecular vacuum pumps

**PFEIFFER**   
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



## High performance

Optimized rotor geometry, enhanced gas load handling

## High gas throughput

High pumping speed, compatible with a variety of backing pumps, high compression for light gases

## Reliable

Best-in-class hybrid bearing technology, superior bearing lubrication for long life cycle

Accessories, spare parts and options

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

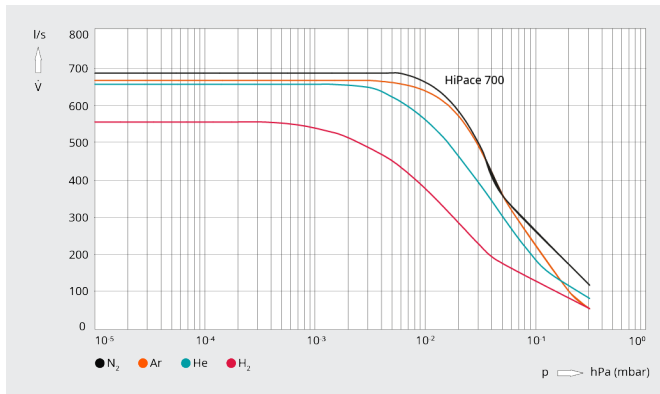
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## Pumping speed



| HiPace 700                                         |                   |
|----------------------------------------------------|-------------------|
| Pumping speed for $N_2$                            | 685 l/s           |
| Pumping speed for $H_2$                            | 555 l/s           |
| Pumping speed for He                               | 655 l/s           |
| Pumping speed for Ar                               | 665 l/s           |
| Compression ratio for $N_2$                        | $1 \cdot 10^{11}$ |
| Compression ratio for $H_2$                        | $4 \cdot 10^5$    |
| Compression ratio for He                           | $3 \cdot 10^7$    |
| Compression ratio for Ar                           | $1 \cdot 10^{11}$ |
| Gas throughput at final rotational speed for $N_2$ | 6.5 hPa l/s       |
| Gas throughput at final rotational speed for $H_2$ | 14 hPa l/s        |
| Gas throughput at final rotational speed for He    | 20 hPa l/s        |
| Gas throughput at final rotational speed for Ar    | 3.5 hPa l/s       |
| Forevacuum max. for $N_2$                          | 11 hPa            |
| Run-up time                                        | 4 min             |
| Sound pressure level (EN ISO 2151)                 | 50 dBA            |
| Weight approx.                                     | 11.5 kg           |

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| HiPace 700                        |                                                |
|-----------------------------------|------------------------------------------------|
| Communication interfaces standard | RS-485, remote                                 |
| 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