

# HiPace 700 Plus

Turbomolecular vacuum pumps

**PFEIFFER**   
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



## Low magnetic stray field

Ideal for high-sensitivity applications such as high-resolution electron microscopes

## Reliable

Best-in-class hybrid bearing technology, long life cycle, maximum uptime

## Quiet

Low noise and vibration levels thanks to embedded bearing combined with patented laser balancing technology

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

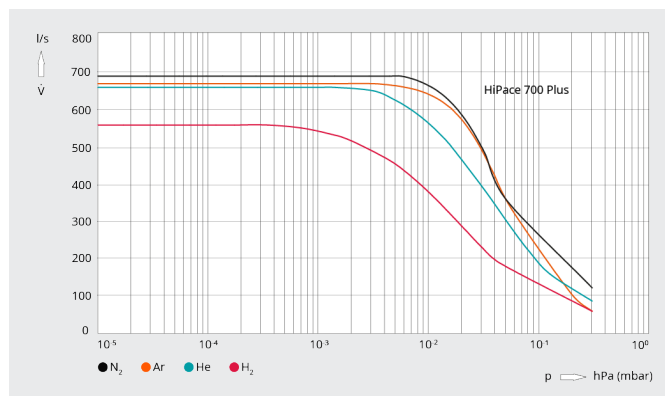
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## Pumping speed



HiPace 700 Plus	
Pumping speed for N <sub>2</sub>	685 l/s
Pumping speed for H <sub>2</sub>	555 l/s
Pumping speed for He	655 l/s
Pumping speed for Ar	665 l/s
Compression ratio for N <sub>2</sub>	$1 \cdot 10^{11}$
Compression ratio for H <sub>2</sub>	$4 \cdot 10^5$
Compression ratio for He	$3 \cdot 10^7$
Compression ratio for Ar	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for N <sub>2</sub>	6.5 hPa l/s
Gas throughput at final rotational speed for H <sub>2</sub>	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 <sub>2</sub>	11 hPa
Run-up time	4 min
Sound pressure level (EN ISO 2151)	50 dBA
Weight approx.	11.5 kg

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Communication interfaces standard	RS-485, remote
Mounting orientation	0° (HV flange top)
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