

HiPace 350/450

Turbomolecular vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



High performance

Optimized rotor geometry, enhanced gas load handling

Reliable

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

Quiet

Low noise and vibration levels thanks to patented laser balancing technology, perfectly suited for vibration-sensitive applications

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

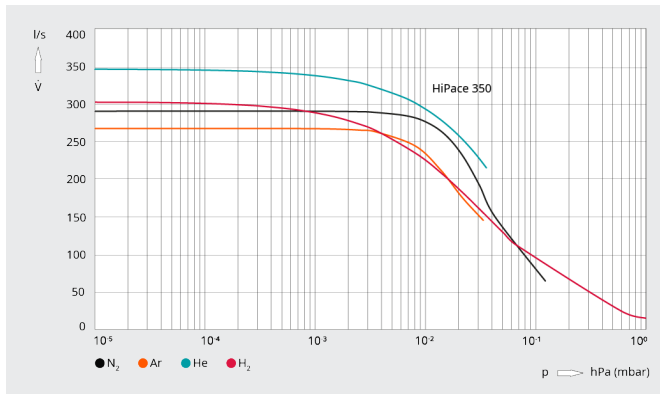
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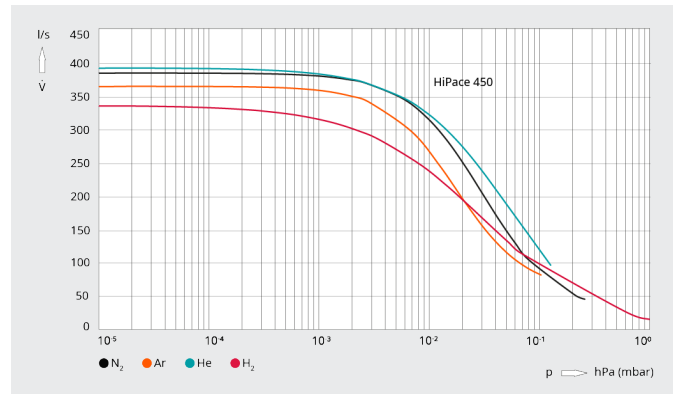
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Pumping speed



Pumping speed



	HiPace 350	HiPace 450
Pumping speed for N ₂	300 l/s	380 l/s
Pumping speed for H ₂	300 l/s	330 l/s
Pumping speed for He	350 l/s	380 l/s
Pumping speed for Ar	270 l/s	350 l/s
Compression ratio for N ₂	$1 \cdot 10^{11}$	$1 \cdot 10^{11}$
Compression ratio for H ₂	$2 \cdot 10^6$	$2 \cdot 10^6$
Compression ratio for He	$1 \cdot 10^8$	$1 \cdot 10^8$
Compression ratio for Ar	$1 \cdot 10^{11}$	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for N ₂	2 hPa l/s	2 hPa l/s
Gas throughput at final rotational speed for H ₂	11 hPa l/s	11 hPa l/s
Gas throughput at final rotational speed for He	7 hPa l/s	7 hPa l/s
Gas throughput at final rotational speed for Ar	0.7 hPa l/s	0.7 hPa l/s
Forevacuum max. for N ₂	10 hPa	10 hPa
Run-up time	5.3 min	5.3 min
Sound pressure level (EN ISO 2151)	50 dBA	50 dBA
Weight approx.	7.2 kg	7 kg

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	HiPace 350	HiPace 450
Communication interfaces standard	RS-485, remote	RS-485, remote
Mounting orientation	arbitrary	arbitrary
Gas inlet / outlet	DN 100 ISO-K/ISO-F/CF-F / DN 16 ISO-KF /G 3/8"	DN 160 ISO-K/ISO-F/CF-F / DN 16 ISO-KF /G 3/8"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



CONTACT FORM