

HiPace 700 H

Turbomolecular vacuum pumps



Reliable

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

Quiet

Low noise and vibration levels thanks to patented laser balancing technology

High performance

Best compression ratio for light gases, perfectly suited for high and ultra-high vacuum applications

Accessories

- Electrical adapter
- Mains cable
- Connection 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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Dimensional drawing

Pumping speed

The following technical values refer to ISO Hz

HiPace 700 H with TC 400	
Pumping speed for Ar	665 l/s
Pumping speed for He	655 l/s
Pumping speed for H#	555 l/s
Pumping speed for N#	685 l/s
Compression ratio for Ar	$1 \cdot 10^{13}$
Compression ratio for He	$1 \cdot 10^{\#}$
Compression ratio for H#	$2 \cdot 10^{\#}$
Compression ratio for N#	$1 \cdot 10^{13}$
Gas throughput at final rotational speed for Ar	2 hPa l/s
Gas throughput at final rotational speed for He	18 hPa l/s
Gas throughput at final rotational speed for H#	14 hPa l/s
Gas throughput at final rotational speed for N#	3.5 hPa l/s
Forevacuum max. for N#	22 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)	50 dBA
Weight approx.	11.8 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

Please contact us!
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Contact form



Call us now