

# HiPace 300 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
- 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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### Dimensional drawing

### Pumping speed

The following technical values refer to ISO Hz

HiPace 300 H with TC 110	
Pumping speed for Ar	255 l/s
Pumping speed for He	255 l/s
Pumping speed for H#	220 l/s
Pumping speed for N#	260 l/s
Compression ratio for Ar	$1 \cdot 10^{13}$
Compression ratio for He	$2.5 \cdot 10^{\#}$
Compression ratio for H#	$1 \cdot 10^{\#}$
Compression ratio for N#	$1 \cdot 10^{13}$
Gas throughput at final rotational speed for Ar	0.5 hPa l/s
Gas throughput at final rotational speed for He	3.5 hPa l/s
Gas throughput at final rotational speed for H#	10 hPa l/s
Gas throughput at final rotational speed for N#	1.5 hPa l/s
Forevacuum max. for N#	30 hPa
Run-up time	3.5 min
Communication interfaces optional	Profibus, Devicenet, Semi E74
Communication interfaces standard	RS-485, remote
Mounting orientation	arbitrary
Sound pressure level (EN ISO 2151)	50 dBA
Weight approx.	6.2 kg
Gas inlet	DN 100 ISO-K/ISO-F/CF-F
Gas outlet	DN 16 ISO-KF /G 1/4"

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**Do you want to know more**

Please contact us!  
[sales.de@pfeiffer-vacuum.com](mailto:sales.de@pfeiffer-vacuum.com) or +49 (0)6441 802-1222



Contact form



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