

# HiPace 300 P

Turbomolecular vacuum pumps



## Reliable

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

## Easy maintenance

On-site bearing change, insensitive to process dust

## High performance

Specially designed for coating processes, optimized rotor/stator concept

### 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 P with TC 400	
Pumping speed for Ar	250 l/s
Pumping speed for He	220 l/s
Pumping speed for H#	125 l/s
Pumping speed for N#	245 l/s
Compression ratio for Ar	$1 \cdot 10^{\#}$
Compression ratio for He	$2.2 \cdot 10^3$
Compression ratio for H#	$3 \cdot 10^2$
Compression ratio for N#	$1 \cdot 10^6$
Gas throughput at final rotational speed for Ar	4.4 hPa l/s
Gas throughput at final rotational speed for He	20 hPa l/s
Gas throughput at final rotational speed for H#	50 hPa l/s
Gas throughput at final rotational speed for N#	17 hPa l/s
Forevacuum max. for N#	1 hPa
Run-up time	1.2 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.	6.4 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!  
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