HiPace 2800/3400 IT

Turbomolecular vacuum pumps

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



Innovative

Specially designed for ion implantation systems, optimized for pumping light gases

Robust

Integrated heating system, suitable for harsh processes, reduced condensation, nickel-coated surfaces for corrosive applications

Reliable

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

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- Display unit
- Safety and mounting kits
- Venting accessories
- Sealing gas accessories

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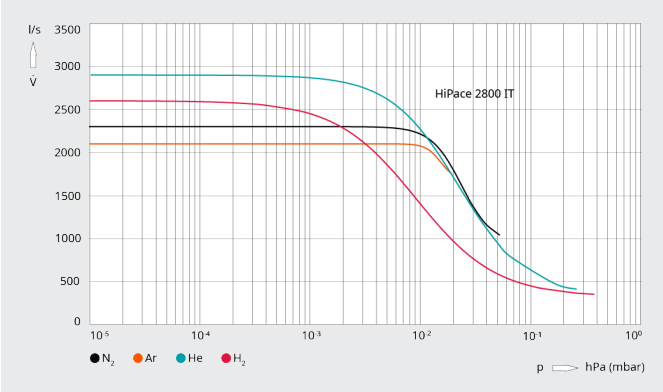
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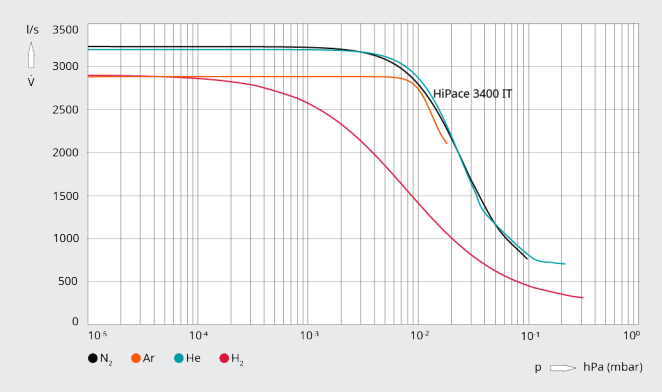
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Pumping speed



Pumping speed



	HiPace 2800 IT	HiPace 3400 IT
Pumping speed for N_2	2300 l/s	3200 l/s
Pumping speed for H_2	2600 l/s	2900 l/s
Pumping speed for He	2900 l/s	3200 l/s
Pumping speed for Ar	2100 l/s	2900 l/s
Compression ratio for N_2	$1 \cdot 10^8$	$1 \cdot 10^8$
Compression ratio for H_2	$4 \cdot 10^3$	$4 \cdot 10^3$
Compression ratio for He	$6 \cdot 10^4$	$6 \cdot 10^4$
Compression ratio for Ar	$1 \cdot 10^8$	$1 \cdot 10^8$
Gas throughput at final rotational speed for N_2	18 hPa l/s	18 hPa l/s
Gas throughput at final rotational speed for H_2	75 hPa l/s	75 hPa l/s
Gas throughput at final rotational speed for He	24 hPa l/s	24 hPa l/s
Gas throughput at final rotational speed for Ar	12 hPa l/s	12 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for He	62 hPa l/s	62 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for H_2	42 hPa l/s	42 hPa l/s
Gas throughput at 0.1 hPa HV-pressure for N_2	50 hPa l/s	50 hPa l/s
Forevacuum max. for N_2	0.8 hPa	0.8 hPa

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	HiPace 2800 IT	HiPace 3400 IT
Run-up time	8.6 min	8.6 min
Sound pressure level (EN ISO 2151)	50 dBA	50 dBA
Weight approx.	62 kg	65 kg
Communication interfaces standard	RS-485, remote	RS-485, remote
Mounting orientation	0° (HV flange top) – 90° / 90° – 180° (HV flange bottom)	0° (HV flange top) – 90° / 90° – 180° (HV flange bottom)
Gas inlet / outlet	DN 250 ISO-F / DN 40 ISO-KF	DN 320 ISO-F / DN 40 ISO-KF

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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