

HiPace 1800/2300

Turbomolecular vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



High performance

High pumping speed, excellent compression for light gases

Flexible

Extensive portfolio, standard accessories and communication tools

Robust

Best-in-class hybrid bearing technology, maximum uptime, nickel-coated surfaces for corrosive applications

Accessories, spare parts and options

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

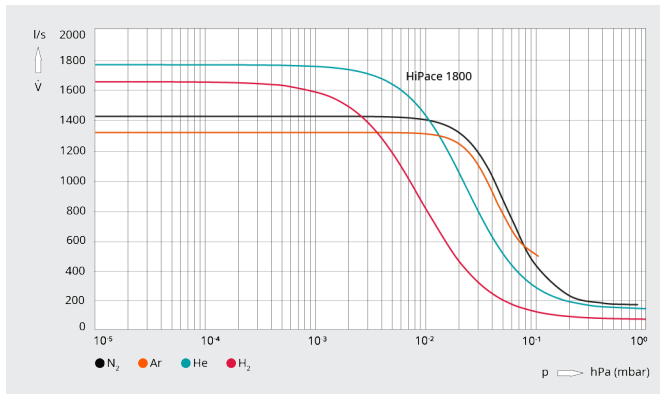
HiPace 1800/2300

Turbomolecular vacuum pumps

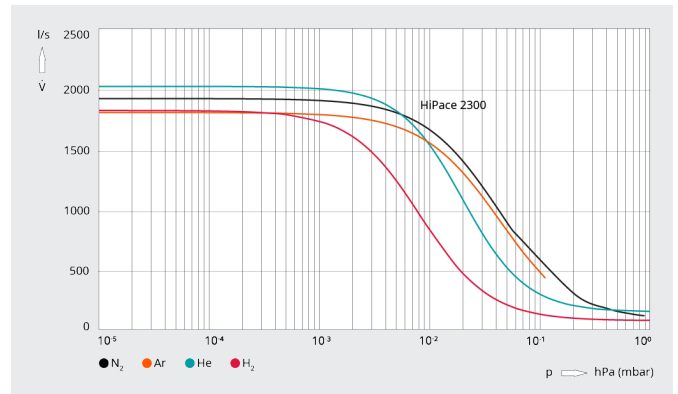
PFEIFFER
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP

Pumping speed



Pumping speed



	HiPace 1800	HiPace 2300
Pumping speed for N ₂	1450 I/s	1900 I/s
Pumping speed for H ₂	1700 I/s	1850 I/s
Pumping speed for He	1650 I/s	2000 I/s
Pumping speed for Ar	1370 I/s	1800 I/s
Compression ratio for N ₂	1 · 10 ⁸	1 · 10 ⁸
Compression ratio for H ₂	2 · 10 ⁴	2 · 10 ⁴
Compression ratio for He	3 · 10 ⁵	3 · 10 ⁵
Compression ratio for Ar	1 · 10 ⁸	1 · 10 ⁸
Gas throughput at final rotational speed for N ₂	28 hPa I/s	28 hPa I/s
Gas throughput at final rotational speed for H ₂	50 hPa I/s	50 hPa I/s
Gas throughput at final rotational speed for He	20 hPa I/s	20 hPa I/s
Gas throughput at final rotational speed for Ar	16 hPa I/s	16 hPa I/s
Gas throughput at 0.1 hPa HV-pressure for He	26 hPa I/s	26 hPa I/s
Gas throughput at 0.1 hPa HV-pressure for H ₂	14 hPa I/s	14 hPa I/s
Gas throughput at 0.1 hPa HV-pressure for N ₂	38 hPa I/s	38 hPa I/s
Forevacuum max. for N ₂	1.8 hPa	1.8 hPa

HiPace 1800/2300

Turbomolecular vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP

	HiPace 1800	HiPace 2300
Run-up time	4 min	4 min
Sound pressure level (EN ISO 2151)	50 dBA	50 dBA
Weight approx.	37.8 kg	36.6 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 200 ISO-K/ISO-F / DN 40 ISO-KF	DN 250 ISO-K/ISO-F/CF-F / DN 40 ISO-KF

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



CONTACT FORM