

iPH SERIES HARSH DUTY PUMP

The iPH series screw pumps provide great capability for wide application especially in harsh process.

The excellent pump performance comes from shortest gas path of rotors and brilliant rotor profile sealing design.

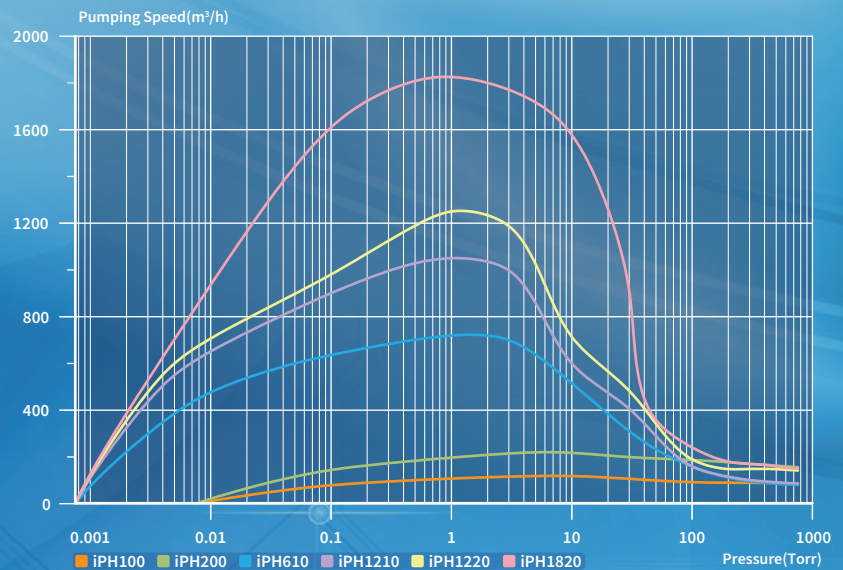


FEATURES

- Designed by HANBELL and 100% made in Taiwan.
- 25% power saving than previous version and Green mode equipped.
- Thermal control solution to avoid cold spot inside of pump.
- Optimize pump size, easy for plug and play.

APPLICATIONS

Etch	MOCVD
Implant	PECVD
HDP-CVD	LPCVD
SACVD	ALD



TECHNICAL DATA

Product	Unit	iPH100	iPH200	iPH610	iPH1210	iPH1220	iPH1820
Dry Pump	m ³ /hr	120	200	120	120	200	200
Booster Pump	m ³ /hr			600	1200	1200	1800
Max. Pumping Speed	m ³ /hr	120	200	700	1100	1250	1850
Ultimate Pressure	Torr	7.5x10 ⁻³	7.5x10 ⁻³	7.5x10 ⁻⁴	7.5x10 ⁻⁴	7.5x10 ⁻⁴	7.5x10 ⁻⁴
Power at Ult. Pressure	kW	2.1	2.6	2.6	2.9	3.4	3.6
Inlet	ISO	ISO63	ISO63	ISO100	ISO100	ISO100	ISO160
Outlet	NW	NW40	NW40	NW40	NW40	NW40	NW40
Dimension(mm)	L	828	828	828	828	828	828
	W	400	400	400	400	400	400
	H	529	529	788	788	788	833
Weight	Kg	280	300	450	455	470	530