

Harsh Duty Pump

iPH SERIES

iPH系列螺杆真空泵能够在广泛的应用领域提供优良的性能，适用于严苛制程。

它优良的性能源自于最短的转子排气路劲和优越的转子型线设计。

The iPH series screw pump provides 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:

- ◆ 汉钟独特型线设计，上海、台湾制造
- ◆ 较之前的版本节能25%，配置有省电模式
- ◆ 带有加热系统避免制程物沉积
- ◆ 优化的尺寸，即插即用

Designed by HANBELL and made in Taiwan or Shanghai
 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
- ◆ Implant
- ◆ HDP-CVD
- ◆ SACVD
- ◆ MOCVD
- ◆ PECVD
- ◆ LPCVD
- ◆ ALD

Technical Data:

Product	Unit	iPH100	iPH200	iPH610	iPH1210	iPH1210H	iPH1220	iPH1810	iPH1820
Dry Pump	m ³ /h	120	200	120	120	120	200	120	200
Booster	m ³ /h	/	/	600	1200	1200	1200	1800	1800
Max.Pumping Speed	m ³ /h	120	200	700	1100	1100	1250	1800	1850
Ultimate Pressure	Torr	7.5×10^{-3}	7.5×10^{-3}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}
System Power at Ult.	kW	2.1	3.5	2.6	3.0	3.2	4.5	3.9	4.7
Inlet	ISO	63	63	100	100	100	100	160	160
Outlet	NW	40	40	40	40	40	40	40	40
Dimension(mm)	L	830	830	830	830	830	830	830	830
	W	400	400	400	400	400	400	400	400
	H	526	526	780	780	780	780	830	830
Weight	Kg	280	300	450	455	460	470	515	530

