

Harsh Duty Pump

iPH SERIES

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:

- ◆ 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
- ◆ Implant
- ◆ HDP-CVD
- ◆ SACVD
- ◆ MOCVD
- ◆ PECVD
- ◆ LPCVD
- ◆ ALD

Technical Data:

Product	Unit	iPH 100	iPH 200	iPH 610	iPH 1210	iPH 1220	iPH 1820
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	7.5×10^{-3}	7.5×10^{-3}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}	7.5×10^{-4}
Power Consumption	kW	2.1	3.5	2.6	3	4.5	4.7
Inlet	ISO	63	63	100	100	100	160
Outlet	NW	40	40	40	40	40	40
Dimension (mm)	L	816	816	816	816	816	860
	W	390	390	390	390	390	400
	H	526	526	780	780	780	780
Weight	Kg	280	300	450	455	470	530

