

Upgrading your iPX product

Originally released during the late 1990s, the iPX product was the first generation of Holweck regeneration mechanism product from Edwards. The natural evolution of the iPX product is the EPX product, launched in 2004, which offers further performance enhancements over the original iPX series. With the iPX product now obsolete for over 10 years, we have ceased service support for this product in 2014. To maintain on-going operation of your legacy tool, upgrading to the EPX or the new iXL120 product are the recommended solutions from Edwards.

Why Upgrade a Working Pump?

The key benefits from upgrading to an EPX or iXL120 product:

- Resetting the service support clock to enjoy many more years product and service support from Edwards
- EPX product provides same class leading base pressure, footprint and format compatibility with iPX
- EPX product provides lower power in the range of 20-25%, when compared to iPX, on many applications
- iXL120 product can provide power savings of greater than 80% and offer much faster pump-down times for load-lock applications
- iXL120 is compatible with most iPX installations through a vertical inlet and small footprint

iPX Upgrades Solutions

To help manage the transition to EPX or iXL120 pump products, Edwards have developed a series of upgrade solutions. The upgrade solutions consist of a new EPX / iXL120 product plus a pre-engineered upgrade kit to manage fitment to the tool. In addition to the pump upgrade hardware, Edwards can also provide on-site engineering and pump audit services to support the transition process, including any elements of specialised engineering which may be required for non-standard tool fitment.

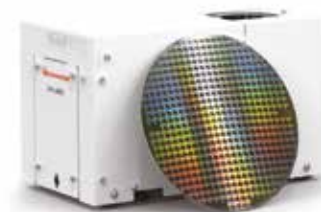
Summary

Upgrading to the latest specification dry pumping product offers multiple benefits to you and ensures continued operation of your legacy semiconductor tool for many more years to come.

Upgrade your iPX pump today for power reduction, better load-lock performance, and long lasting OEM Support



EPX - Direct iPX replacement



iXL120 - Ideal Upgrade for Load-lock

iPX Upgrades

Upgrade Solutions Summary Table

Legacy Product	Upgrade Product	Upgrade Kit Available	Supplementary Notes
iPX100/100A/100CNET	EPX180	YES	EPX and IXL products have multiple tool & system connection options. Please confirm the desired interfaces when ordering your upgrade so the new pump is specified correctly
iPX180 / 180 CNET	EPX180	YES	
iPX500 / 500 CNET	EPX500	YES	
iPX100/100A/100CNET	iXL120	YES	
iPX180 / 180 CNET	iXL120	YES	
iPX500 / 500 CNET	IXL120	NO - Not Recommend	

Product	Ultimate vacuum (mbar)	Power (kW) at Ultimate	Peak Speed (m ³ h ⁻¹)	Noise dB(A)	Rated Motor Power (kW)	Weight (Kg)
iPX100	0.005	2.1	100	56	3.8	55
iPX180	0.0001	2.1	180	56	3.8	55
iPX500	0.000001	2.1	500	56	3.8	58
EPX180	0.001	1.4	170	59	3	43.5
EPX500	0.000001	1.4	500	59	3	45.2
iXL120	0.01	0.55	110	55	2.85	59

Contacts:

For more details on how to upgrade your iPX turbo pump please contact your local Edwards representative.

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