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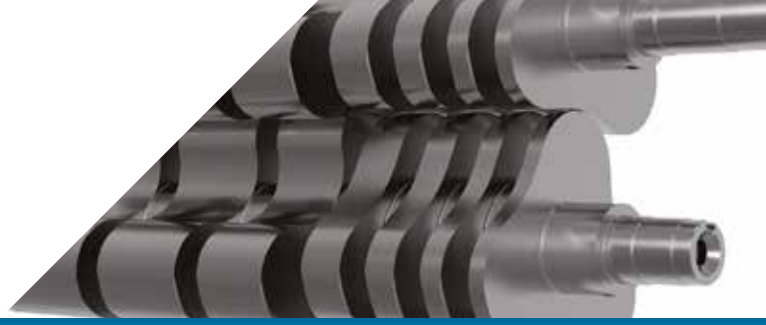
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iXL120
DRY PUMP

Giving you a clear edge

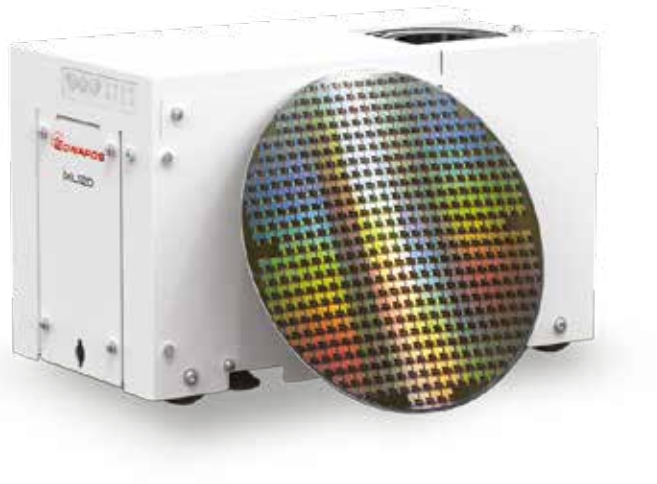


PRODUCT DATASHEET

iXL120 is a compact, low energy, 110 m³/h dry pump for wafer handling and other clean duty applications. It provides fast pump down of load lock chambers with extremely low energy consumption.

iXL120 is one of the smallest and lightest pumps available for load lock and clean applications. It's low vibration and low noise levels make it ideal for mounting on-tool or within a fab's waffle floor, helping to save valuable fab floor space.

A Green Mode allows reduced utilities usage during idle periods, lowering utility costs and helping to save the environment!



Features and benefits

Zero nitrogen purge option eliminates the need for a nitrogen supply, saving installation and operating costs	Oil lubricated precision bearings ensure smooth, low vibration operation with no routine maintenance	Unique dual inlet arrangement allows efficient foreline routing and location options
Green Mode can reduce power consumption by up to 92% during idle periods	Class leading chamber pump down time reduces total average cycle time (TACT)	Up to 35°C water supply helps reduce facility cooling water requirements
Only 0.55 kW[1] power consumption helps minimise customer cost of ownership	A single variant covers the supply voltage range 200-460 V, 50/60 Hz	Extremely small and light, helping to save valuable fab space

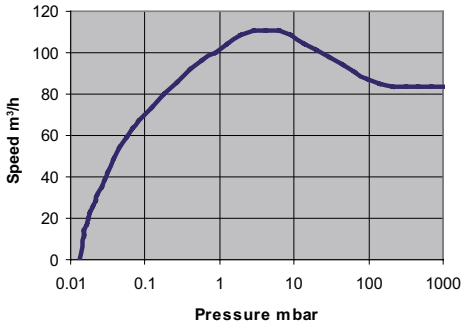
[1] Average power at ultimate pressure and 700T exhaust pressure

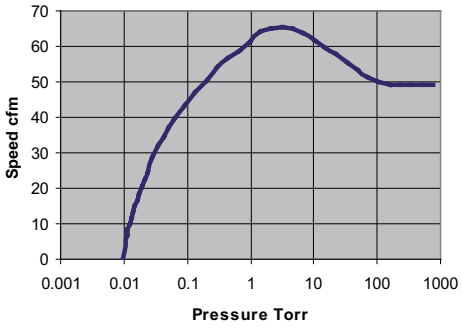
Technical data

		iXL120	iXL120N
Peak speed	m^3/h/ cfm / l/min	110/65/1833	110/65/1833
Ultimate pressure (typical)	mbar / Torr / Pa	0.013/0.01/1.3	0.013/0.01/1.3
Power at ultimate [1]	kW	0.55	0.55
Power in Green Mode	kW	0.045	0.045
Inlet connection	Vertical/Horizontal	ISO63/NW50	ISO63/NW50
Outlet connection		NW25	NW25
Cooling water connection		Optional	Optional
Nitrogen connection		n/a	¼" tube fitting
Water flow [2]	l/m	1	1
Typical purge flow	slm	0	5
Weight	kg	59	59
Noise [3]	dB(A)	55	55

(1) Average power at 700T exhaust pressure
(2) Flow with optional Constant Flow Valve fitted footnote
(3) Average noise at ultimate pressure

Performance

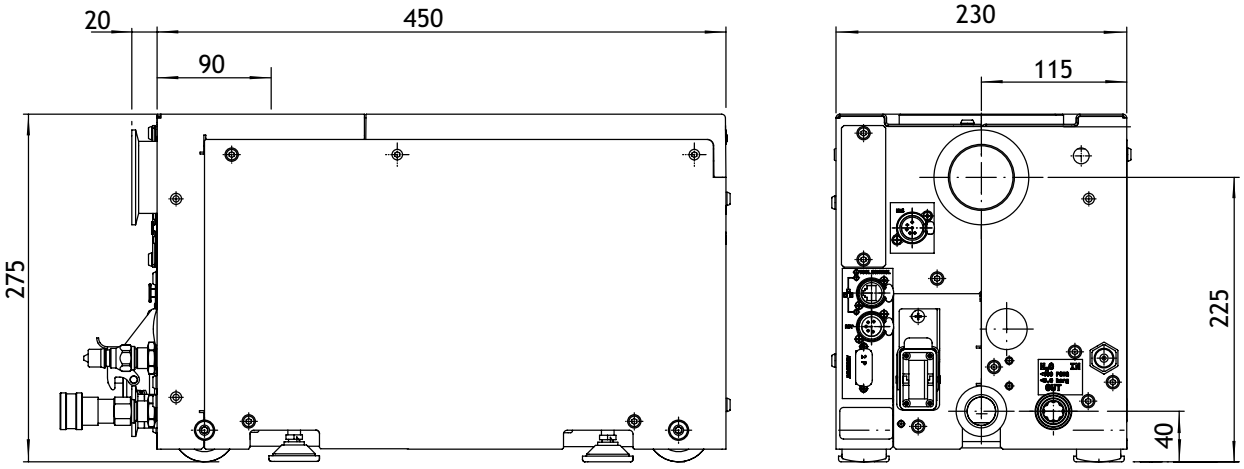




Ordering information

iXL120 and iXL120N pumps can be supplied with a range of Tool Interfaces (MicroTIM), water fittings and other options. Contact Edwards for advice on options and part number.

Dimensions



Global contacts

EUROPE
UK Crawley +44 1293 528844
UK (local rate) 08459 212223
Belgium Brussels +32 2 300 0730
France Paris +33 1 4121 1256
Germany Munich 0800 000 1456
Italy Milan +39 02 48 4471

USA
Niagara (toll free) +1 800 848 9800

BRAZIL
Sao Paulo +55 11 3952 5000

ISRAEL
Qiryat-Gat +972 8 681 0633

ASIA PACIFIC
China (toll free) +86 400 111 9618
India Pune +91 20 4075 2222
Japan Yachiyo +81 47 458 8831
Korea Bundang +82 31 716 7070
Singapore +65 6546 8408
Taiwan R.O.C. Jhunan Town +886 3758 1000

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