

A100L

Adixen Integrated Point of Use Pump



THE REFERENCE IN DRY PUMP INTEGRATION CONCEPT

- Direct integration on to wafer processing equipment → **ELIMINATION OF FORELINE & significant reduction of facilities and hook-up costs**
- 100 m³/h pumping speed at point of use → **Can replace UP TO 500 M³/H remote pumps INCREASING THROUGHPUT**
- Quiet and clean → **Designed for CLEAN ROOM operation**
- Energy efficient → **Reduces FAB ENERGY CONSUMPTION**
- Reliable → **Adixen FIELD PROVEN multi-stage roots technology. The largest installed base world wide**

Applications

- Load-locks
- Transfer chambers
- PVD
- SEM
- Preclean chambers
- Anneal chambers

This product has been jointly developed with Applied Materials



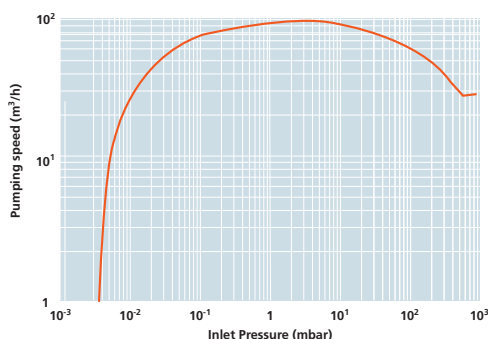
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Technical specifications

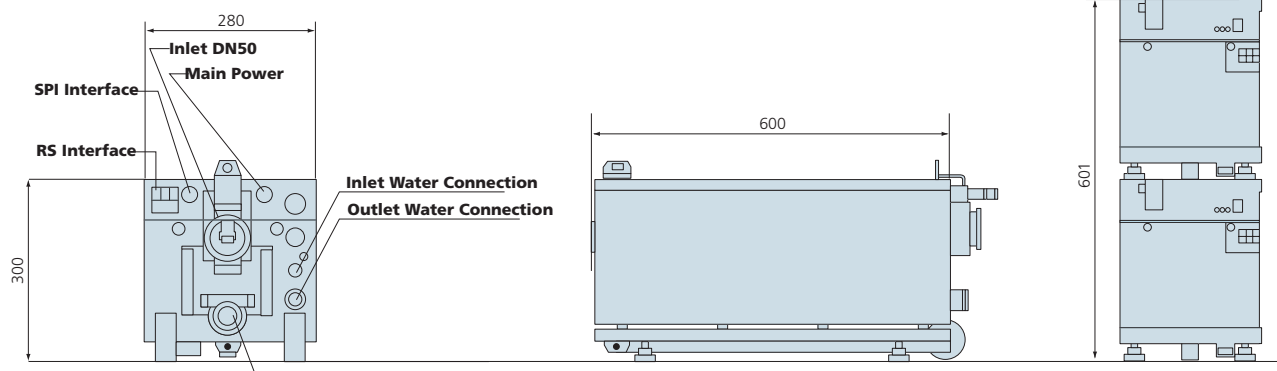
DESCRIPTION	UNITS	A100 L	
Peak pumping speed	m ³ /h / cfm / l/mn	100 / 59 / 1667	
Ultimate pressure	mbar / torr / Pa	6.6 10 ⁻³ / 5 10 ⁻³ / 6.6 10 ⁻¹	
Power supply voltage		200 - 208 V 3 phases 50/60 Hz or 380 - 400 V 3 phases 50/60 Hz	
Power consumption	at ultimate pressure idle mode	kW kW	1.6 0,5 to 1,0 (*)
Average noise level at full speed	dB(A)	55	
Typical vibration level at inlet flange (10-1000 Hz)	G / mm.s ⁻¹ / μm	0.10 / 1 / 1.5	
Cooling water connection		1/4 NPT quick connectors	
Cooling water (min.)	l/h / gpm	100 / 0,44	
N2 purge	SLM	None	
Dimensions l x w x h	mm / in.	600 x 280 x 300 / 23,6 x 11 x 11,8	
Inlet / exhaust size	kg	100	
		NW50 / NW25	

(*) depending on base pressure requirements

Pumping speed curve (50/60 Hz)



Dimensions



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