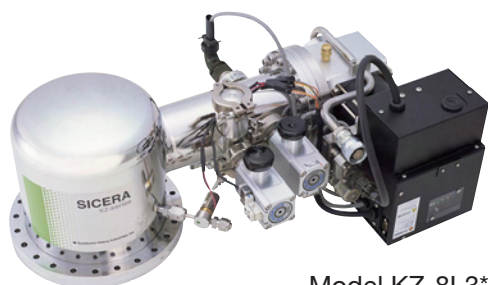
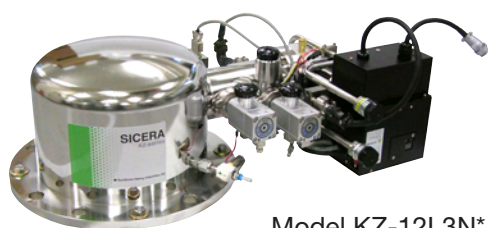


SICERA™ CRYOPUMP



Model KZ-8L3*

Starting at only 0.9kW per pump, the SICERA™ cryopump features low energy consumption compared with other vacuum products currently available for semiconductor, flat panel display and related processing. SICERA utilizes SHI proprietary inverter technology to reduce customer energy costs 20-30%. The breakthrough multi-pump system allows up to six 8-inch pumps to run on a single compressor without performance degradation, making it ideal for high-volume semiconductor wafer manufacturing.



Model KZ-12L3N*

The complete SICERA cryopump system includes a compressor and remote controller, which have been thoroughly tested to withstand the most demanding vacuum applications. Through continuous control of both the cryocooler and compressor, SHI Cryogenics Group is able to offer a reliable cryopump system with significant energy savings, as well as excellent temperature and vacuum stability.

Features

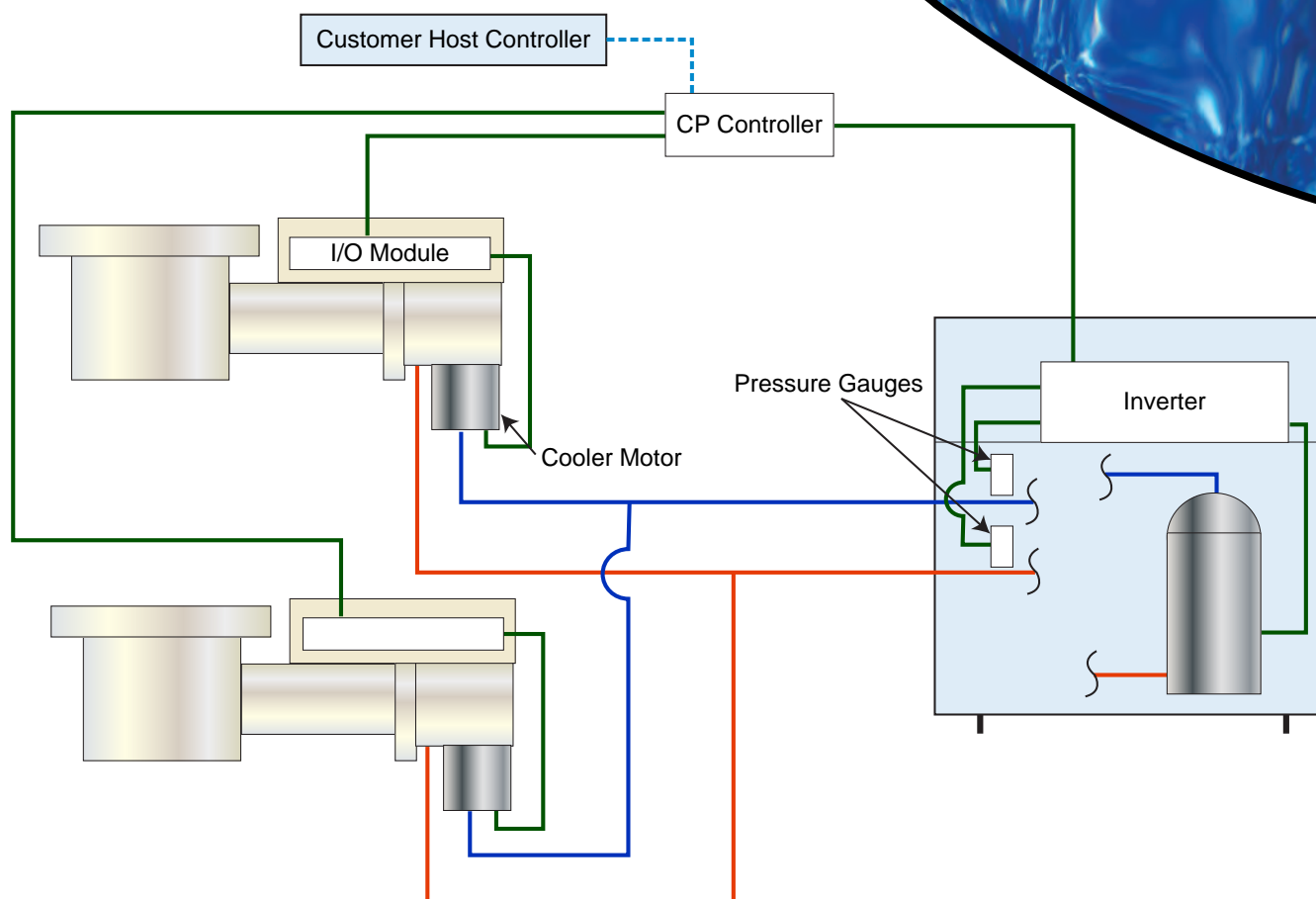
- Extremely low energy consumption
- Real multi-pump system
- Fully automated regeneration
- Robust and solid performance
- Supported by a worldwide sales and service network

Specifications

Models:		KZ-8L3 (8 inch)	KZ-12L3N (12 inch)
Pumping Speeds:	Air	1500 L/sec	3300 L/sec
	Water	4000 L/sec	9500 L/sec
	Argon	1250 L/sec	2700 L/sec
	Hydrogen	2200 L/sec	6000 L/sec
Throughput:	Argon	8.86 torr-liters/sec (700 sccm)	8.86 torr-liters/sec (700 sccm)
Capacity:	Argon	1000 standard liters	2000 standard liters
	Hydrogen	12 standard liters	30 standard liters
Crossover Rating:		150 torr-liters	150 torr-liters
Regeneration Time:		120 minutes	150 minutes
Power Consumption:		0.9 kW/pump	1.5 kW/pump

* Complete system includes a compressor and remote controller, not shown

Real Multi-Pump System



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