



Constellation Systems

Integrated Systems

	HA-200	HA-400	HA-500	HA-600	HA-800
Wafer Sizes	≤200mm†				
Sides	4	4	5	6	8
Cassette Load Lock	1	1	2	2	2
Transfer Height	1100mm				
High Vacuum Package	Available				
Wafer per Cassette	25*				
High payload option	Yes				
Vacuum performance Base operating pressure Leak rate	<5.00E-07 Torr 5.00E-09 scc He/sec				
Input Power	208 VAC 20A 1Ø				
Electrical Integration	Yes				
Maximum Temperature	100°C				
MCBF	>3.00E+06				
MTTR	<2 hours				
Materials exposed	6061-T6 Aluminum, Stainless Steel 300 and 400 Series, Viton, Borosilicate Glass				
Interface	200mm MESCF‡	200mm MESCD			
Control Interface	RS-232 / Ethernet				
SEMI S2	Compliant				
CE	Compliant				

† SEMI standard sizes up to 200mm. Other sizes are available upon request.

* Custom wafer cassettes upon request.

◇ CLP Slit Valve and Isolation Plumbing come standard with each cassette load port.

‡ Optional CLP Slit Valve and Isolation Plumbing available.