

ASM EPITAXIAL Reactor Overview

		Comments
System Type	E2000	
Supply Voltage/ Freq	480/ 50	
System Hand	Left Hand	
Monitor Type	Flat Panel	
Wafer Size	200mm	100, 150 and 200mm kits available for all tool.
Maint Console	Mini Maint	
CPU	68040	
Software Version	7.65	
Comms		
RP/ ATM	RP	
Vacuum Load Locks	Yes	
WHC Gate Valve	VAT	
WHC Robot Arm	Wide	
Reactor Isolation	HVA	
ATM Valve	VAT	
Pressure Controller	MKS 152 Analogue	
PCV Type	MKS 253B	
Choke Valve	Yes	
RP Orientation	Bottom Feed	
Gas Panel Orientation	Top Feed	
Main H2/N2	100slm	
Cross Purge Valves	Yes	
Dep/ Vent Transition Valves	Yes	
ATM/RP Vent	Yes	
Shaft MFC	5slm	
P Dopant Loop	Yes	
P loop MFC's DiI/SRC/INJ	20slm/500/500	Note 500cc MFC's are dual range and can be configured for 500sccm
N Dopant Loop	Yes Teed PH3/	
N loop MFC's DiI/SRC/INJ	20slm/500/500	Note 500cc MFC's are dual range and can be configured for 500sccm
Aux1	SiH2Cl2 500sccm	
Aux2	No	
Aux3	No	
Aux4	No	
Aux5	No	
HCL Hi	Yes 30slm	
HCI Low	Yes 500sccm	
Precision Vent Matching	No	
TCS	25gpm LVC	
DCS Cabinet	Yes	
TCS Mini Bubbler	10L LPE	
Gas Detection	Gastec H2/ HCI	
Temperature Controller	Foxboro	
Analog Ratio Control	Yes	
Dual Ratio	No	