

CONFIGURATOR

Asset Number
C2-1009-U

Novellus C2 Dual Altus Standard System

Wafer Specification

Wafer Size 200mm

Chamber Type

DLCM Standard
S/N 96-22-5148 Warehouse Location: F-U-21-1

Process Module A Standard
S/N 96-35-5185 Warehouse Location: F-F-1-1

Process Module B Standard
S/N 97-10-5277 Warehouse Location: F-C-1-1

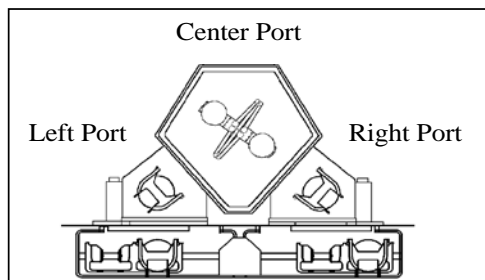
Module Location (Center Port recommended for location of Single Altus):

Module A

Center Port (Default)
Left Port
Right Port

Module B

Center Port
Left Port
Right Port



User Interface (UI): YES

SSD : SINGLE
Location: F-D-G-2
s/n: 99-14-C25645

Mainframe Options

System Controller MC3 P/N 02-10511-00
Signal Tower None
AC power rack Standard SSD Single
Interconnect cables Not available

DLCM

Transfer Robot Type Brooks MTR 5
Paddle Type Missing
Shuttle Type Missing
Cassette Type Unknown
Indexer Type Type II
Animatics Type Missing
Cool Station Missing Parts
SMIF loader type None
Manometer None
Facilities Configuration Either
Control System QNX4 unknown IOC
Leak Check Shutoff Valve Missing
Pump Electrical Interface None

Altus Process Module A		F-F-1-1		
S/N: 96-31-5185				
Controller type	MC3 P/N 02-034310-00 P100			
Gate valve	Missing			
Throttle valve	Internal Non-Heated			
Process Manometer	100 Torr Non-Heated			
Heater Pedestals	Missing			
Shower Heads	Missing			
* MOER Rings	Missing			
Spindle Assy. Seal Type	Missing			
X-Y Centering Station	Missing			
Viewport Window	Missing			
RF Match	Missing			
RF High Frequency Generator	Missing			
Endpoint detection	No			
Facility Connections	Rear of chamber			
Gas Box Chamber A F-F-1-1				
Gas Channels	10			
MFC Type	Brooks 5964			
Valves	10			
MFC size and location As the table below GASBOX: 02-024316-01 / 1996				
Channel	Gas	Flow (SLM)	8 FILTERS MISSING	
1	Argon	2 SLM	Brooks	5964
2	Sih4	50 sccm	Brooks	5964
3	Hydrogen	20 SLM	Brooks	5964
4	Argon	20 SLM	Brooks	5964
5	Wf6	500 sccm	Brooks	5964
6	C2F6	2 SLM	Brooks	5964
7	Oxygen	2 SLM	Brooks	5965
8	Argon	10 SLM	Brooks	5964
9	Hydrogen	20 SLM	Brooks	5964
10	Argon	20 SLM	Brooks	5964

Altus Process Module B		F-C-1-1
S/N: 97-10-5277		
Controller type	Missing	
Gate valve	Internal Non-Heated	
Throttle valve	Internal Non-Heated	
Process Manometer	Missing	
Heater Pedestals	D-Type	
Shower Heads	Yes	
MOER Rings	Missing 5	
Spindle Assy. Seal Type	Standard	
X-Y Centering Station	Yes, missing parts	
Viewport Window	Missing	
RF Match	Missing	
RF High Frequency Generator	Missing	
Endpoint detection	No	
Facility Connections	Rear of chamber	
Gas Box Chamber B F-C-1-1		
Gas Channels	10	
MFC Type	Brooks 5964	
Valves	10	

MFC size and location

As the table below

GASBOX: 02-824316-01 / 1996

Channel	Gas	Flow (SLM)		
* 1	Argon	Missing		
2	SiH4	50 sccm	Brooks	5964
3	Hydrogen	10 SLM	Brooks	5964
4	Argon	10 SLM	Brooks	5964
* 5	Wf6	Missing		
6	C2F6	10 SLM	Brooks	5964
7	Oxygen	5 SLM	Brooks	5964
8	Argon	10 SLM	Brooks	5965
9	Hydrogen	10 SLM	Brooks	5964
* 10	Argon	Missing		

Special Conditions and Missing Items (list):

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DLCM Module		Process Module A		Process Module B	
MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS	MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS	MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS
1) 1 ea. Power Supply	1) Local Power Box (LPB) = 90 %	1) 1 ea. Power Supply	1) Local Power Box (LPB) = 90 %	1) Trazar match	1) Spindle - Lift & Rotate Mechanism
2) 2 ea. SSR's - from Local Power Box	2) Local Power Box = 80 %	2) 2 ea. SSR's - from Local Power Box	2) Local Power Box = 80 %	2) Module Controller	2) Gas Box = 75 % - 8 Channel GEN 2
3) 8 ea. Gas Line Filters (gasbox)	3) IOC's	3) 8 ea. Gas Line Filters (gasbox)	3) IOC's	3) 2 ea. MFC's from gas box	3) Backside Gas Pressure Control
4) Gate Valve	4) Interlock Board	4) Gate Valve	4) Interlock Board	4) All Filters from Gasbox	4) 5 ea. Showerheads
5) 5 ea. Pedestals	5) Backside Gas Pressure Control	5) 5 ea. Pedestals	5) Backside Gas Pressure Control	5) Local Power Box = 30 %	5) Top Plate = 100 % (valves etc.)
6) 2 ea. Lift Pin Assemblies	6) Pneumatic Panel = 100 % FULL	6) 2 ea. Lift Pin Assemblies	6) Pneumatic Panel = 100 % FULL	6) Throttle Valve Controller	6) Throttle Valve
7) Spindle Lift & Rotate assembly	7) 1 ea. Lift Pin Assembly	7) Spindle Lift & Rotate assembly	7) 1 ea. Lift Pin Assembly	7) Anafaze Temp Controller	7) Gate Valve
8) X-Y Centering Station	8) Throttle Valve	8) X-Y Centering Station	8) Throttle Valve	8) Pneumatic Panel - The Whole Thing.	8)
9) Top Plate = 10 %	9) Module Controller	9) Top Plate = 10 %	9) Module Controller	9) X-Y Centering Station = Trashed	9)
10) Panels	10)	10) Panels	10)	10)	10)
11) Chamber barrel	11)	11) Chamber barrel	11)	11)	11)
12)	12)	12)	12)	12)	12)
13)	13)	13)	13)	13)	13)
14)	14)	14)	14)	14)	14)
15)	15)	15)	15)	15)	15)
16)	16)	16)	16)	16)	16)
17)	17)	17)	17)	17)	17)
18)	18)	18)	18)	18)	18)
19)	19)	19)	19)	19)	19)
20)	20)	20)	20)	20)	20)
21)	21)	21)	21)	21)	21)
COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS: LPB = 30 % Missing All Power Supplies and Seven (7) Breakers	COMMENTS: Gasbox = 75 % - Missing 2 MFC's and ALL Filters