

Novellus C2 Single Altus Standard System**Wafer Specification**

Wafer Size 200mm

Chamber Type

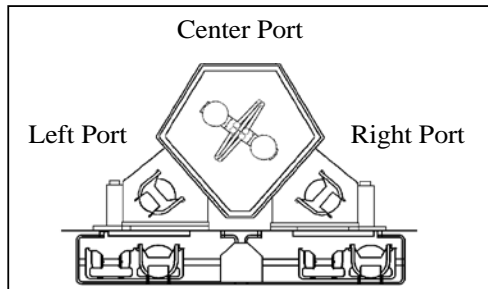
DLCM Standard

S/N 97-10-5277 Warehouse Location: F-V-18-1

Process Module A Standard

S/N Not Available Warehouse Location: F-V-19-1

Process Module B Not Included

Module Location

User Interface (UI): 01-027328- label Inside

SSD : 97-41-5404
Single

Mainframe Options

System Controller MC3 P/N 02-34310-00 P100
Signal Tower None
AC power rack Standard SSD - 97-41-5404 Single
Interconnect cables Not Available

DLCM

Transfer Robot Type Missing
Paddle Type Missing
Shuttle Type Missing
Cassette Type Unknown
Indexer Type Type II
Animatics Type Missing
Cool Station None
SMIF loader type None
Manometer None
HYT Particle Sensor Model: 7AB1000 / Ser. 9704 C603
HYT Monitor Controller Model PM255
Facilities Configuration Either
Control System QNX4. missing
Leak Check Shutoff Valve Missing
Pump Electrical Interface None

Altus Process Module A	F-V-19-1
S/N: 95-03-5040	MC3 P/N 02-034310-00 P/100 IOC Ver: 3.02
Controller type	Internal Non-Heated
Gate valve	Internal Non-Heated
Throttle valve	100 Torr Non-Heated
Process Manometer	D-Type
Heater Pedestals	Yes
Shower Heads	No
MOER Rings	Ferrofluidic
Spindle Assy. Seal Type	Yes
X-Y Centering Station	Sapphire
Viewport Window	Trazar
RF Match	Missing
RF High Frequency Generator	No
Endpoint detection	Rear of chamber
Facility Connections	
Gas Box Chamber A	
Gas Channels	8 Gas, missing all gas sticks GasBox 30% - 40% intact
Special Conditions and Missing Items (list):	
1	See chamber summary worksheets
2	
3	
4	
5	
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8	
9	
10	

DLCM Module		Process Module A	
MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS	MISSING ITEMS	INTACT ITEMS or PRESENT ITEMS
1) 2 inch - 90 Degree Valve for Loadlock	1) Throttle Valve	1) Interlock Board	1) Local Power Box = 85 %
2) Brooks Robot	2) Indexers 90 %	2)	2) Top Plate = 100 %
3) 2 ea. Gate Valves (or Blank-Offs)	3) Mini-Convectorns	3)	3) Bottom Plate = 95 % (TC's Missing)
4) In-Situ Aligner (or Blank-Off)	4) Loadlock Particle Sensor Manifold	4)	4) Module Controller
5) 2 ea. Pneumatic Banks	5) HYT Particle Monitor - Model 20BE	5)	5) Animatics Controller
6) IOC's	6) HYT Monitor Controller- Model PM255	6)	6) DLCM Interlock Board
7) 90 % of Plumbing	7)	7)	7) Local Power Box = 90 %
8) Loadlock Doors	8)	8)	8) Heater Control
9) Loadlock Actuators	9)	9)	9) Throttle Valve Controller
10) Indexer Motors	10)	10)	10)
11)	11)	11)	11)
12)	12)	12)	12)
13)	13)	13)	13)
14)	14)	14)	14)
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COMMENTS:	COMMENTS:	COMMENTS:	COMMENTS: