

# Equipment Configuration

## 1. System Summary

<b>Manufacturer</b>	TEL		
<b>Model</b>	Alpha-8S-ZC	<b>Process</b>	Nitride

## 2. General Information

2.1 WaferSize	8"
2.2 Wafer Type	Flat
2.3 Signal Tower Color	4 Color( R,Y,G,B)
2.4 SMIF or I/O	I/O
2.5 Cassette Slot Q'ty	25 Slot
2.6 Cassette Storage Q'ty	16
2.7 Fork Type	1 + 4
2.8 Boat Rotation	OK

## 4. System Controller Specification

4.1 Main Controller	Waves
4.2 Temp Controller	None
4.3 Pressure Control	None
4.4 Mecha Controller	None
4.5 Burn Controller	None
4.6 MFC Controller	None
4.7 ATCS (Trans-LC)	None
4.8 ETC	None

## 3. Process Gas

3.1 MFC 1	None
3.2 MFC 2	SEC-7440 N2, 100SCCM
3.3 MFC 3	SEC-7450 N2, 15SLM
3.4 MFC 4	SEC-7440 N2, 500SCCM
3.5 MFC 5	SEC-7440 SiH2CL2, 100SCCM
3.6 MFC 6	N/A
3.7 MFC 7	N/A
3.8 MFC 8	N/A
3.9 MFC 9	N/A
3.10 MFM 1	SEC-7440 NH3, 1SLM
3.11 MFM 2	SEC-7440 SiH2CL2, 100SCCM
3.12 MFM 3	N/A

## 5. Vacuum Control

5.1 Main Valve	Angle Valve
5.2 Pressure Controller	MKS 600 series
5.3 Pressure Sensor 1	Edwards PRL-
5.4 Pressure Swich 1	10
5.5 Pressure Swich 2	None PS-
5.6 Pressure Swich 3	10V SPS-8T
5.7 Pressure Gauge	None
5.8 Vacuum Controller	Edwards 1101

## 6. Heater

6.1 Model	VMM-40-101
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