

LAM Research

Currently Configured for 200mm Wafers
Install Type: Stand-Alone/Ballroom SMIF System
SW: Envision 1.6.1-012
Vintage 1999
ASYST SMIF Send/Receive indexers
Mainframe: TCP9600SE CFE
WVDS
On-Board AC Dist.
On-Board RF Generators:
(3) Onboard AE RFG 1250
SECS Interface
Main Process Module (PM1): TCP 9600SE
Wafer Clamp: ESC w/He Cooling Electrode Gap:Fixed gap
8" TCP Coil
Turbo CNTRL: BOC Edwards 1300
Gate Valve: VAT 65 (heated)
Heated Pump Stack & Manifold
Endpoint Detection: Dual Photo diode
Endpoint Wavelength(s): 703nm and 261.8nm
PM2: DSQ Stripper
Hinged DSQ



Gas Box Config:
Orbitally Welded Gas Box
Backside Helium Cooling
Gas Line 1 2 4 5 6 7 8
Gas Flow (sccm) MFC Mfgr. MFC Model
Cl2 100 Unit 1660
BCL3 100 Unit 1660
CH4 10 Unit 1660
N2 10 Unit 1660
O2 200 Unit 1660
O2 500 Unit 1660
H2O 500 Tylan VC-4900VRH
Power Requirements: 208V, 80A, 3-Phase, Freq 50/60Hz

Missing items;

Chamber Manometer 0.1 torr
PS1 PowerSupply
1 x RGF1250 Gen