

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
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BCL3	100	Unit 1660
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CH4	10	Unit 1660
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N2	10	Unit 1660
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O2	200	Unit 1660
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O2	500	Unit 1660
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H2O	500	Tylan VC-4900VRH
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Power Requirements: 208V, 80A, 3-Phase, Freq 50/60Hz

Missing items;

Chamber Manometer 0.1 torr

Watertank WVDS unhooked but with machine