Process: NIT

Configured with 3 chambers

Technology: PECVD

Platform Type: PRODUCER SE

System Software

System software: B2.4_51

FiCGUI:

GP:

DTauMacros:

Chamber Configuration

Chamber Type: PECVD

Lid: none micrometers

Lid Mixing Insert: no use

Liner: NA

Blocker: 0021-12790

Faceplate: 0020-84596

NDIR Endpoint Detector: No

Heater: Heater ASSY, HA12, MC, CIP

Slit Valve: Valqua

Isolation Valve: 0190-08201

Throttle Valve: 0190-12708

Heater Lift Driver: 0190-13840

RPS: 0920-00013

Gas Box Configuration: VCR TYPE FOR MFC

Gas Line 1: SiH4 Lo 0.5SLM

Gas Line 2: SiH4 2SLM

Gas Line 3: empty

Gas Line 4: H2 2SLM

Gas Line 5: NF3 5SLM

Gas Line 6: NH3 0.7SLM

Gas Line 7: HE 15SLM

Gas Line 8: AR 10SLM

Gas Line 9: empty

Gas Line 10: N2O Hi 15SLM

Gas Line 11: N2O Lo 2SLM

Gas Line 12: N2 25SLM

Gas Line 13: empty

Gas Line 14: empty

Gas Line 15: empty

Gas Line 16: empty

Liquid 1: empty

Liquid 2: empty

Liquid 3: empty

Injector-TEB: empty

Injector-TEPO: empty

Injector-TEOS: empty

Process Pump/Abatement

BOC Edwards:Edwards iH1000

Ozone Rack Cooling: N/A

Kit Parts:

BLOCKER PLATE: 0021-12790

FACE PLATE: 0020-84596

GASBOX: 0040-53688

TOP CERAMIC LINER: 0200-04654

MIDDLE CERAMIC LINER: 0200-02396

BOTTOM CERAMIC LINER: 0200-02397

ALUMINUM PUMPING RING: 0200-02407/0200-02408

VACUUM CHUCK HEATER ASSY: 0010-24300

LIFT PINS: 0200-03269

LIFT RING Captive 300MM PRODUCER SE: N/A

LIFT HOOP: 0200-01991

ISOLATOR: 0200-04235

LIFT RING SCREW: 0021-26158

ISO VALVE: 0190-08201

THROTTLE VALVE: 0190-12708

Abatement System

Model: 4xinlet

Vendor: DAS

Heat wrap: 150

Heat Exchanger

Model: H2000

Vendor: SMC Thermo Chiller

Process Chamber Pump

Vendor: Edwards iH1000

Heater Jacket @foreline: Yes

Heater Jacket @ exhaust to scrubber: Yes

Missing/Damaged Parts List

None report, please inspect tool to reconfirm

Dry pumps not included