

TECHNICAL SPEC FOR Spray system

System Model: Serial number: 0107-0511-1297

FSI Mercury

Model: FSI Mercury MP CE Type

Standard or dual exhaust: Stainless steel, Halar coated exhaust with process exhaust monitoring

Wafer size: 6inch

Chemicals used:

- Canister console one with:
 - o Canister H₂SO₄
 - o Canister HCL
 - o Canister HF
- Canister console two with:
 - o H₂O₂
 - o NH₄OH
- Canister console exhaust monitoring installed
- 2 x paddlewheel flow pick up (H₂SO₄ & DIMIX), 4x electronic flowpickup (HCl, HF, H₂O₂ and NH₄OH)

Turntable style: 6" Turntable with 6 positions

240V operation

Motor and motor speed controller:

- LC4CP11001 motor controller PN: 3690-01678
- Brushless Servomotor Pacific Scientific PN: 409244-003

Booster pump: Not installed

Helios: HELIOS 400VAC 52KW

IR Heater: Not installed

Ti T/C's: TC's installed in Helios heater. Do not know if those are Titanium TC's?

Vertical lift kit: No lift installed

Center SP etch probe: Dual etchprobe installed

SBSP: Sidebowl spraypost installed

SBSP Etch probe: Not installed

Manifold type: Single manifold with 6 flow controllers installed

Recirculation: No recirculation installed

Photohelic monitor: Photohelic process exhaust monitoring and canister exhaust monitoring

MHS: Unknown for me

Dual canister rotary board: Unknown for me

Autofill: Autofill option installed

Direct feed:

Process applications: Equipment was used for RESIST STRIPPING, RCA clean and SALICIDE WET ETCH. Particle performance and process SPC tests where in control.

SECS: SECSII communication installed

Vintage:

Missing parts: none

Defected parts: none

Software: 9.11

Operating system: 486 CPU PCB

Photos to Collect

- All 4 sides
 - Process console
 - Electronic console
 - Canister console
- Control panel
- Turntable
- Inside all cabinets (boards, electronics and chemicals)
- Serial plate

- Spare parts, manuals (if any)