TECHNICAL SPEC FOR Wet processing system

System Model:
Akrion Rearmount

Wafer size: 6 inch

Application: polymer removal

Process flow: EKC, IPA, DI

Front- or rear-mount: rear

Process Robot End-Effector:

Controller: control zone main components pneumatic solenoid panel, heated tank control unit, digital I/O boards (OPTO22)

Transfer robot: robot transfer arm, free standing unit

Common I/O Station: separate

Wafer transfer system: NA

Dual buffer queues:

PFA Cassettes: Quartz carriers

Configuration of each wet process modules:

Tank 1: Static tank EKC
Tank 4 Recirc tank EKC
Tank 2,3: IPA
Tank 5 DI tank
Vapor dryer with IPA

Pumps:

SECS: Yes

Vintage:

Missing parts:

Defected parts:

Software: DOS

Operating system: 386 computer/Akrion

Photos to Collect

- All 4 sides
- Process modules
- Control panel
- Robots
- Loaders
- Chemical cannisters (close-up on chemicals)
- Gauges/Valves
- Exhaust pipes
- Pumps
- Inside all cabinets
- Serial plate
- Spare parts, manuals (if any)