# TECHNICAL SPEC FOR Wet processing system

**System Model:**
**Akrion REARMOUNT**

**Wafer size: 6 inch**

**Application:**

**Process flow:HF, DI, HNO3, IPA**

**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: No**

**Dual buffer queues:**

**PFA Cassettes: yes**

**Configuration of each wet process modules:**

Tank 1 & 2: not used
Tank 3 HF
Tank 4: DI-water
Tank 5, 6 & 7 not used
Tank 8: HNO3, HF and DI-water
Chemacoustic dryer IPA & DIW


**Pumps:**

**SECS: yes**

**Vintage:**

**Missing parts:**

**Defected parts:**

**Software: windows**

**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)