



*Wet Bench System*

**AquaChem/  
SOLTEX series**

# Wet Bench



**SOLTEX-003**

- Substrate size & load capacity : 156mm\*156mm wafer - 50 wafer/batch
- 1 robot system (rear side)
- Pre-cleaning bath 1ea
- KOH bath 1ea
- ACID#1 bath 1ea
- ACID#2 bath 1ea
- DI rinse bath 4ea
- Hot DI rinse bath 1ea
- Hot air dryer 1ea
- DI pre-heating tank 2ea
- Chemical measuring tank
- Filling & dosing time & sensor control
- Circulation for magnetic pump
- P.P out plate
- PC & PLC control

***Texturing for Solar Cell***



**AquaChem-IN-001**

- Substrate size & load capacity : 8inch wafer - 1 cassette/batch
- 1 robot system (rear side)
- Process bath 3ea
- QDR bath 2ea
- Sink 1ea
- Circulation for magnetic pump
- PVC out plate
- PLC & Touch control

***In-Line System***



**AquaChem-E-003**

- Substrate size & load capacity : 156mm\*156mm wafer - 1 cassette/batch
- Chemical bath(PTFE) 2ea
- QDR bath 2ea
- Teflon heater(4.5kW) 1ea
- PVC out plate
- Manual control (switch panel & PLC)

***Etching System***

# Wet Bench



**AquaChem-C-NOR-002**

- Substrate size & load capacity : 8inch wafer - 1 cassette/batch
- Chemical bath(quartz) 1ea
- Chemical bath(PTFE) 5ea
- QDR bath 2ea
- PVC out plate
- Manual control (switch panel & PLC)

***Surface Cleaning (Cassette type)***



**AquaChem-C-ROL-001**

- Substrate size & load capacity : 250mm \* 220mm glass- 1 wafer/batch
- DI tank 1ea
- Detergetn tank 1ea
- DI spray nozzle 2ea
- Detergetn nozzle 1ea
- Brush 4ea
- Air knife 4ea
- Conveyor of AC motor
- Deterget agitator 1ea
- Manual control (switch panel & PLC)

***Surface Cleaning (Roll type)***



**AquaChem-D-001**

- Substrate size & load capacity : 140mm\*140mm glass - 7 glass/batch
- Chemical bath(quartz) 1ea
- Chemical bath(PTFE) 1ea
- QDR bath 2ea
- Spin dryer 1ea
- PVC out plate
- Manual control (switch panel & PLC)

***Develop***

# Wet Bench



**AquaChem-SO-002**

- Substrate size & load capacity : 8inch wafer - 1 cassette/batch
- Chemical bath(SUS316) 3ea
- QDR bath(SUS316) 1ea
- Rinse bath(PVDF) 1ea
- Heater(1.5kW) 3ea
- Ultra sonic(44kHz,600W) 2ea
- SUS304 out plate
- Manual control (switch panel & PLC)

***Solvent***



**AquaChem-SI-002**

- Substrate size & load capacity : 8inch wafer - 1 cassette/batch
- Chemical bath(SUS316) 1ea
- QDR bath(SUS316) 1ea
- Rinse bath(PVDF) 1ea
- Ultra sonic(44kHz,2400W) 2ea
- SUS304 out plate
- Manual control (switch panel & PLC)

***Wet Sink***



**AquaChem-DG-004**

- Substrate size & load capacity : 200mm\*200mm glass - 1 cassette/batch
- Chemical bath(SUS316) 2ea
- QDR bath(PVDF) 1ea
- Sink bath(PP) 1ea
- Ultra sonic(40kHz,600W) 1ea
- DI generator
  - DI Resistivity : 17 ~ 18.2 MΩ/cm
  - DI Productivity : 500LPH
  - RO Tank : 650L
- PVC out plate
- Manual control (switch panel & PLC)

***DI Generator & Wet bench***