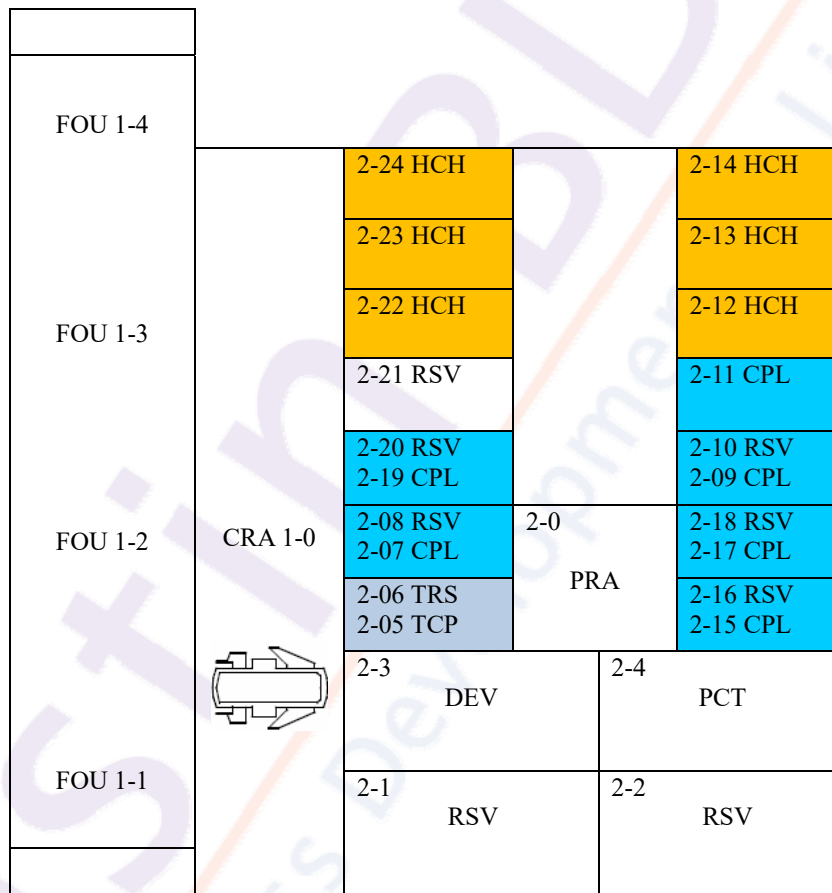


1. **Manufacturer** : TEL/Tokyo Electron Limited
2. **Model** : TEL Clean Track ACT 12
3. **Serial Number** :
4. **Vintage** : 1998
5. **Description** : Photo Resist Coat and Develop System
6. **Configuration**

1) **Block Diagram (Left to Right Wafer Flow)** 2,370 x 2,830 x 2,845 (L x W x H by mm)



2) **General Configuration**

- A. **Wafer Size** : 300mm, Silicon Substrate Wafer, Polyimide Process Application, Single Block System
- B. **Wafer Flow** : Left to Right (CSB Unit is at Left and Interface Station Unit is at Right)
- C. **Number of Process Blocks** : 1ea (Single Block System)

D. Block #1 : CSB/Cassette Station Block

- a. TEL Clean Track ACT 12 EC/Equipment Controller #1
- b. Stage/Indexer : 4 FOUP Indexers(Except ID Reader) CSB/Cassette Stage Block
- c. CRA/Cassette Block Robotics Arm : 1ea
- d. **FOUP/SMIF Control PCB : 1ea (Missing)**

E. Block #2 : PSB/Process Station Block (Spin Units)

- a. 2-4 PCT/Polyimide Coat Unit
 - ① 2 PCT/Polyimide Coat Dispense Nozzles
 - ② 1 TEL OEM Entegris-Mykrolis Encompass Pump
and 1 N2 Pressurized Direct Dispense
 - ③ Dual Back Rinse Nozzles
 - ④ Coat Cup Temperature Synchronized Control System
 - ⑤ Motor Flange Temperature Control : Installed
 - ⑥ Photo Resist Drain Type : Direct Gravity Drain Type
 - ⑦ Photo Resist Bottle Quantity : 2ea in External Chemical Supply System
 - ⑧ Auto Dummy Dispense System : Installed
- b. 2-3 PDT/Polyimide Develop Unit
 - ① 4 PDT/Polyimide Develop and Rinse Spray Nozzles (JF1 Spray Nozzles)
1st Nozzle Arm with 2 Polyimide Develop Spray Nozzles
2nd Nozzle Arm with 2 Polyimide Develop Rinse Spray Nozzles
 - ② Dual Back Rinse Nozzles
 - ③ Motor Flange Temperature Control : Installed
 - ④ Drain Type : Direct Gravity Drain Type
 - ⑤ Auto Damper : Installed
 - ⑥ Auto Dummy Dispense System : Installed
- c. PRA/Process Block Robotics Arm : 1ea
- d. HCH/Heater Cover Type Hot Plate Process Station : 6ea
- e. CPL/Chilling Pate Process Station : 5ea|
- f. TCP/Transition Chill Plate : 1ea
- g. TRS/Transition Stage Unit : 1ea

F. External Chemical Supply System

- a. Solvent Supply System for 2-3 Rinse and 2-4 PCT

- ① Solvent Chemical Type : 2ea
- ② CSS Bulk-Fill to Auto Supply System with 4 PDS Pump Supply Type
- b. Polyimide Develop Supply System for 2-3 DEV
 - ① Develop Solution Chemical Type : 1ea
 - ② CSS Bulk-Fill to Auto Supply System with 2 PDS Pump Supply Type

G. Photo Resist Supply System

- a. Located in 2-2 Reserve Spin Unit
- b. 2 Bottles of Manual Supply Type

H. Thermo Controller

- a. TEL OEM SMC Multi Controller
- b. Total 12 Channels for 2 Process Block out of MAX 16 Channel Capacity
 - ① 1 Chilling Channel for 2-4 PCT and 2-3 PDT
 - ② 1 Chilling Channel for 6 CPLs

I. Robots : Total 2 Robots

- a. 1 CRA/Cassette Station Block Robot Arm
- b. 1 PRA/Process Station Block Main Robot Arm

J. Power Transformer AC Cabinet : 208VAC, 3 Phases, 50/60Hz

K. Software Version : 1.18

Please refer to “Intellectual Property Responsibilities” at “Article 7. Important Notice”.

L. TEL S2-93 Safety Specification Complied

7. Important Notice

- 1) This Document could contain typographical errors or technical inaccuracies.

2) Intellectual Property Responsibilities

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