

MST-4000A PROBE STATION

FEATURE

- Low noise, Low coast measurement, on ground system
- Using mainly triaxial shield system
- Manufacturing based 4" wafer size body

SPECIFICATIONS

Model : MST-4000A

1. MST-4000A Main Body

A. 5 inch Coaxial Vacuum Chuck

- Leakage current level
(~ 3 pA less than, +/- 10%)
- Coaxial Vacuum Chuck
(Al, Sending Anodizing Coating)
- From 3 to 5 inch
- On/broken wafer vacuum
- Chuck theta 360c control unit
- X/y Stage Manual Handle
Travel : 50mm x 50mm

B. Microscope - OLYMPUS 51(정품)- 80x

- X/y Stage Manual Handle
- Eyepiece : 20x
- Object Lense : 1 ~ 4x
- Total Magnification :80x

2. Micro Positioner body - PB50

- (~ 3 pA less than, +/- 10%)
- Manipulator high resolution type
- LM cross roller type
- X/Y/Z fine micrometer control knob
- Submicron geometric vacuum base type
- Resolution : 2um
- Travel : 6mm
- Vacuum on/off switch

3. Probe Holder_C type

- (~ 3 pA less than, +/- 10%)
- Sus Shield, C type

4. Probe tip

- MST_T_0.5um Vend 10ea

5. Vacuum pump

- Applied a exclusive laboratory
- 620mm/Hg (for laboratory / low noise)

OPTION

6. Dark shield box

- Dimension : 700 x 700 x 700
- Plate 4 TRX, 2 BNC

7.Vibration Table_Desk Type

- Dimension : 550 x 550 x 50

8. Hot Chuck & Controller

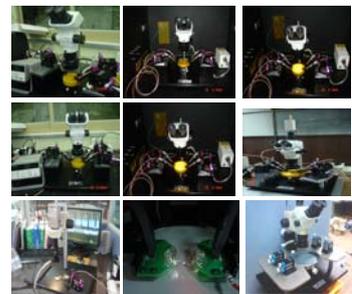
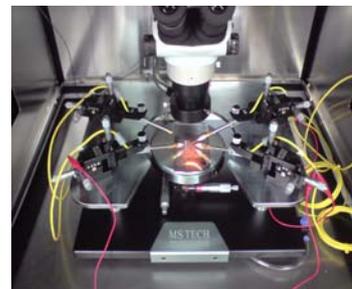
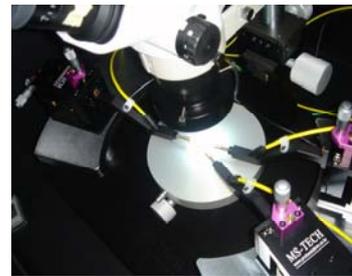
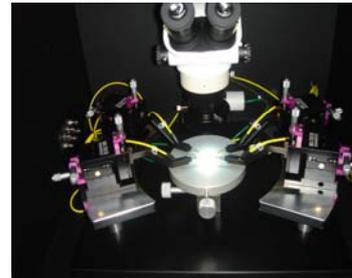
- Hot Temp : ~ 300c
- Temp Resolution : ~ (0.1c ~ 1c)
- PC Control S/W, USB Interface.
- Temp Sweep : 20 Sector Data
- Circuit Protect 10A, Power 220V

9. CCD CAMERA SYSTEM

C-MOUNT SANYO 6574A, RECEIVED CARD

REMARK

- Low Noise Guarantee : less than 3pA less than
- Available more condition in good environment : less than 3 pA
- Warranty 3 years
- Customize application



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