DNS SK-200W AVP TRACK

Vintage:1998

Wafer size : 150 mm

S/N :58700-0111

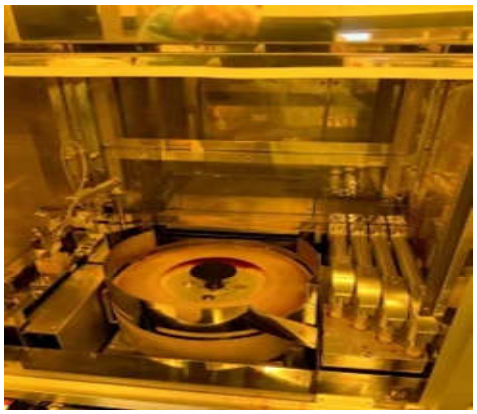
Load Port (open cassette) : 4 unit ,

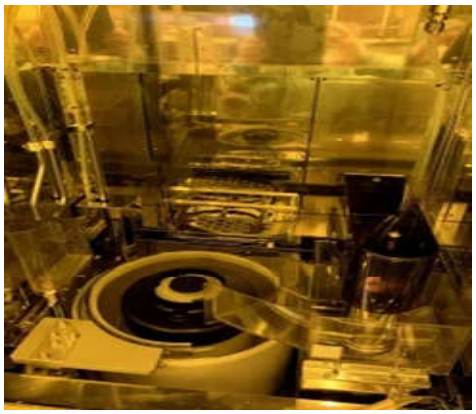
Main Controller Type: Yes

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COAT :

COT 1

R1~R4, 4 PR nozzles,

1. Spin coater(SC)

1) Spin motor

Rotation speed: 0 – 6000 rpm (CW,CCW)

Max acceleration: 30000 rpm/s

Rotation accuracy: ± 1.5 rpm

Flange cooling: Temperature control by circulating water

2) Spin chuck

Material: PEEK

3) Resist nozzle

Scan speed: 25 – 85 mm/s

Resist temperature control:

Circulating water control with triple pipe structure

Line: Max 6 line(3 line – 1 temperature control)

4) Pot rinse

Rinse dispense flow: Max 30 mL/min

5) Edge cleaner nozzle

Rinse dispense position: 0-10mm from edge

Minimum set: 0.1mm

6) Back rinse

Rinse dispense line: 2 line

Rinse dispense flow: 50 mL/min

7) Cup

Top cup material: PP

Middle cup material: PP

Bottom cup material: PPS

8) Cup rinse

Rinse dispense flow: Max 500 mL/min

9) Exhaust

Exhaust box material: SUS304

Dumper: Cylinder open-close control

10) Resist dummy dispense: Auto or Pre-dispense

COT 2 BARC

R1~R3 3PR nozzles,

2. Spin coater(SC)/B-ARC

1) Spin motor

Rotation speed: 0 – 6000 rpm (CW,CCW)

Max acceleration: 30000 rpm/s

Rotation accuracy: ±1.5 rpm

Flange cooling: Temperature control by circulating water

2) Spin chuck

Materials: PEEK

3) B-ARC nozzle

Scan speed: 25 – 85 mm/s

Resist temperature control:

Circulating water control with triple pipe structure

Line: Max 4 line

4) Pot rinse

Rinse dispense flow: Max 30 mL/min

5) Edge cleaner nozzle

Rinse dispense position: 0-10mm from edge

Minimum set: 0.1mm

6) Back rinse

Rinse dispense line: 2 line

Rinse dispense flow: 50 mL/min

7) Cup

Top cup material: PP

Middle cup material: PP

Bottom cup material: PPS

8) Exhaust

Exhaust box material: SUS304

Dumper: Cylinder open-close control

9) T-ARC dummy dispense: Auto or Pre-dispense

DEVELOP : DEV 1/ 2

Developing Nozzle: Spray nozzle,

Top Rinse: Single nozzle

3. Spin developer

1) Spin motor

Rotation speed: 0 – 6000 rpm (CW,CCW)

Max acceleration: 30000 rpm/s

Rotation accuracy: ± 1.5 rpm

2) Spin chuck

Material: PEEK

3) Nozzle

Scan speed: 25 – 100 mm/s

Line: Max 2 line (Same temperature control)

4) Nozzle cleaning

Nozzle cleaning dispense flow: Max 1 L/min

N2 Nozzle blow: Nozzle side

Drip removal: Ejector vacuum

5) Pure water rinse

Rinse dispense flow: Max 2 L/min

Line: 2 line

6) Back rinse

Rinse dispense output

7) Cup

Cup material: PP

Splash guard material: PP

Inner cup material: PP

8)Exhaust

Exhaust Box material: SUS304

Exhaust dumper: Cylinder Open-close control

9) Drain

Liquid-Vapor Separation: Processed by Box under the Cup

10) Liquid dummy dispense: Auto or Pre dispense

PLATE

AHL 1 units

HP 10 units

CP/2PCP : 5 units

IFB

Chemical Cabinet

ACU Temperature