Inspection Report

RTP : AST3000

S/N : 98080459

Customer : \_ SurplusGLOBAL\_\_

**1. Basic Information (2015. 5. 28.)**

1. Model : AST3000

2. Serial No. : 98080459 (SG\_No : 20996)

3. Wafer Type : 200mm, Flat Zone

4. S/W Version : -

5. Location : SurplusGLOBAL (Stock House)

6. Tool Status : Power Off

7. Main Power : 3Φ, 208V, 260A

8. Monitor : Front Touch Screen GUI (only one)

9. Service Laptop PC : Empty

10. OHT : N/A

11. Visual Checking

**2. Module Check**

1. Handler Module : 450kg / 1500 X 785 X 2250 mm

2. Process Module : 750kg / 810 X 1280 X 2250 mm

3. Power Control Module : 250kg / 810 X 600 X2140 m

4. Blower Module : 170kg / 550 X 780 X 1270 mm

5. Transformer : 980kg / 800 X 1900 X 1160mm

**3. Handler Module Check**

1. Loadport ( 300mm, 2 open cassette ) : Install

2. Monitor with Touch Screen : Install

3. Keyboard : Empty

4. Signal Tower : Install (3 colors)

5. Robot ( Rorze Dual Arm ) : Install

6. Robot Controller : Install

7. Endeffector : Empty

8. Slot Map Sensor : Install

9. Aligner (PRI) : Install

10. Aligner Controller : Install

11. Sequencer : Install

12. IO Controller : Install

13. Cooling Station(Al, 3slot) : Install

14. Dummy Station(Al, 3slot) : Install

15. Linear-Track : Install

16. Linear-Track Controller : Install

17. EFEM Fan : -

18. EMO Switch : Install

19. Robot Stop Switch : Install

20. Distribution Box : Install

21. Ionizer : Install

**4. Process Module Check**

1. Rotation Controller : Install (Old version)

2. EILC Rack : Install

a. EPC486 : Install

b. MIB : Install

c. SEC1 : Install

d. SEC2 : Install

e. SEC3 : Install

f. POD : Install

g. PWM1 : Install

h. PWM2 : Install

i. EILC PowerSupply : Install

j. Interface Board(INT) : Install

3. Ripple Rack : Install

a. PCC : Install

b. mkc : Install

c. DSP : Install

d. PowerSupply : Install

4. PMAC : Install

a. MVME 162FX : Install

b. Greenspring VIP616 : Install

c. VME Optic Board : Install

d. Serial Output B/D : Install

e. MPV904 : Install

f. VME Filter : Install

g. MVME2431 : Install

h. PowerSupply : Install

5. Pneumatic Rack : Install

a. PCU : Install

b. PDCU : Install

c. PIO : Install

d. PDU : Install

e. PSU : Install

f. PVC : Install

g. PVU\_ADAP : Install

h. PVU #1 : Install

i. PVU #2 : Install

j. DVU : Install

6. IGBT Module : Install

7. O2 Sensor Module : Install

a. O2 Sensor : Install

b. O2 Display : Install

c. O2 PowerSupply : Install

d. 100sccm MFC : Install

e. O2 Pump : Install

8. Wafer Pyrometer : Install

9. Lamp Pyrometer : Install

10. Laser Sender Receiver : Install

11. Door Plate : Install

12. Lamp (3kW, 380V, 56ea) : Install

13. CoolingWaterSensor : Install

14. QPT Sensor : Install

15. Thermocouple Amplifier(TCA) : Install

16. IGBT LLF : Install

17. IGBT ULF : Install

18. Analog Box : Install

19. Process Chamber : Install

20. Connector Box : Install

21. Lift Motor : Install

22. Process Box : Install

23. Door Scavenger : Install

**5. Gas Box Check**

1. NH3 20slm : Bronkhost

2. N2O 50slm : Bronkhost

3. O2 10slm : Bronkhost

4. O2 100slm : Bronkhost

5. O2 5slm : Bronkhost

6. O2 60slm : Bronkhost

7. Tube Rot #1 : N2 20slm (Unit 8100)

8. Tube Rot #2 : N2 20slm (Unit 8100)

9. Eight Channel Pressure Display : AD824

**6. Power Control Module Check**

1. Input Power : 400 V, 3 ph + gnd + n, 250 A, 50/60 Hz

2. UPS (Internal or External) : Internal Install

3. MFC Power Supply (±15V) : Install

4. Rotation Power Supply (±15V & 24V) : Install

5. Fail-Safe Relay Board : Install

6. Sitop Switching P/S : Install

7. Safety Contactor : Install

8. MCU : Install

9. SLCU (1 - 4) : Install

10. MSD : Install (Old version)

11. Fan Unit : Install

12. Interlock Controller Key Switch : Install

**7. Blower Module Check**

1. Motor (Upper & Lower) : Install

2. Filter (Upper & Lower) : Install

3. Tube : Install

**8. Transfer Check**

1. Primary Terminal : Install

2. Secondary Terminal : Install

3. Visual Check : Good

**9. Quartz Check : Need to purchase new kit.**

**10. etc.**

Remarks

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