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Mar.

Semiconductor

STOCK LIST

2025year

< S Y S T E M >

| No. | Maker | Item | Model | Vintage | Configuration | Remark |
|-----|-------|---------|----------------|---------|---|--------|
| 1 | JEOL | FE-EPMA | JXA-8530F Plus | 2017yr | <ul style="list-style-type: none"> •JXA-8530F Plus •EPMA Data processor •Phase analysis program •Irregular sample analysis program •Trace element analysis program •Phase map Maker •Liquid nitrogen trap •Chiller •Active Vibration removal stand | |
| 2 | JEOL | SEM | JSM-6510LV | 2014yr | <ul style="list-style-type: none"> •JSM-6510LV •EDS AMETEK EDAX Octane Pro •Operation Keyboard •Motor Controlled Stage(2 Axis) | |
| 3 | JEOL | SEM | JSM-6360LV | 2004yr | <ul style="list-style-type: none"> •JSM-6360LV SEM main unit •EDAX G-XM2 CDU/SUTW •61090(MS) 2-axis motor stage(Max specimen size 150 mm, 80x40mm) •47414 PC unit(2 USB port, PC card slot) •47512 CRT monitor •34470 backscatter electron detector •65020(PRD2) device for photography •65040(CSI2) device for scan Image photography •65150(OKB) operation keyboard •49020 chiller •LGSHL solvent holder | |

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|---|---------|---|----------|--------|--|--|
| 4 | Keyence | 3D Surface Measurement Microscope | VE-9800S | 2006yr | with 3D/Motorized Stage EDAX G-XM2 CDU/SUTW | |
| 5 | Olympus | Semiconductor wafer inspection microscope | | 2006yr | <ul style="list-style-type: none"> • Brightfield/Darkfield illuminator+Fiber Adapter(BX-RLA2+U-LGAD) • Motorized Nosepiece 6-Position RMS Threads(ob: 1.25x 2.5x 10x 20x 50x 100xBD)(U-D6REM) • Levo Controller/Hand switch(U-REMCB/U-HSTR) • Light Guide • Transmission Light unit • Imaging lens(Camera adapter)/touble port(U-TLU+U-TV0.5XC) • Light Reduction Filter/Color Temperature Conversion Filter • Color camera(Including the manual measurement function) • Stage and stage driving controller • Color video printers and ACC • Auto focus unit and PC | |

Price is being negotiated (not secured/매입 검토중)

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|-----|----------|----------------------------|----------------------------|---------|---|------------------|
| 1 | Hitachi | SEM | S-3700N | 2017yr | SEM, Large Sample Chamber (maximum 300mm diameter), 5-axis MD, Camera Navigation, Secondary/Reflection Electrons, Low Vacuum Secondary Electron Detector ESED-II, EDX HORIBA EMAX Evolution X Max50 EX470 | |
| 2 | Hitachi | SEM | SU3500 | 2016yr | SEM, Secondary Electron Detector, Reflection Electron Detector, Low Vacuum Secondary Electron Detector, EDX (AMETEC Octane Plus), MC1000 ion Sputter, Etc. | |
| 3 | Hitachi | SEM | S-3400N | 2011yr | SEM, Type1, Secondary Electron Detector, Reflection Electron Detector, Maximum Sample Size 200mm×35mm thickness, Turbo-Molecular Pump | |
| 4 | JEOL | SEM | JSM-IT500HR/LA | 2020yr | SEM, SED (Dry SD 30 detector), Stage Navigation, Chamber Scope, Load Lock System, Large Table, Operation Panel | Upcoming in May. |
| 5 | JEOL | SEM | JSM-IT200LA | 2019yr | SEM, EDS, Low Vacuum Secondary Electron Detector, Station Navigation, Chamber Scope, Carbon Coater, Freezing/Drying system | |
| 6 | Shimadzu | Microfocus X-Ray CT System | inspe X io SMX225CT FPD HR | 2016yr | FPD-16, 8CL-H, Data processing system, Image analysis S/W, Sub work station, Etc. | |
| 7 | Leica | Stereo Microscope | M80 | 2017yr | M80, Objective lens Plan 1.0x, LED ring light, Binocular tilt lens barrel 45 degrees, Eyepiece 10x(x2), Ergo wedge, Photo tube, Digital camera MC170HD, C-mount, Flex Arm | |

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