

(Yen/Hour) (単位：円/時間)

| Equipment Name                                 | Model                               | Inventory ID | Academic User | Small Business | Large Business |
|------------------------------------------------|-------------------------------------|--------------|---------------|----------------|----------------|
| Milling machine                                | VARIAXIS j-600/5X                   | ENG-M001     | 7,600         | 10,200         | 15,200         |
| Milling Machine                                | Hurco VM5i                          | ENG-M002     | 2,900         | 3,800          | 5,700          |
| Milling Machine                                | Shizuoka VHR-A Milling Machine      | ENG-M003     | 2,700         | 3,600          | 5,300          |
| Lathe                                          | Hurco TMX10MYi                      | ENG-M004     | 5,200         | 6,900          | 10,300         |
| Wire EDM                                       | Sodick ALG 400                      | ENG-M005     | 3,800         | 5,100          | 7,600          |
| Die sinker EDM                                 | Chmer Die Sinker EDM CM353C         | ENG-M006     | 2,400         | 3,100          | 4,700          |
| Lathe                                          | Takisawa TSL 550 Lathe              | ENG-M007     | 2,000         | 2,700          | 4,000          |
| XXXXOUT OF SERVICE XXXXXXXXXX                  | Riken RBL-50 Collet lathe           | ENG-M008     | 2,000         | 2,700          | 4,000          |
| XXXXOUT OF SERVICE XXXXXXXXXX                  | Mechanix Milling Machine            | ENG-M009     | 1,900         | 2,500          | 3,700          |
| Bandsaw                                        | Cut-600 Bandsaw                     | ENG-M010     | 1,900         | 2,500          | 3,700          |
| Drilling machine                               | ESD-460DX Drill Press               | ENG-M011     | 1,900         | 2,500          | 3,700          |
| Laser                                          | ULS 6.75 laser Cutter Engraver      | ENG-M012     | 2,400         | 3,100          | 4,700          |
| Bandsaw                                        | LUXO VS-22 Diamond bandsaw          | ENG-M013     | 1,900         | 2,500          | 3,700          |
| Lathe                                          | Wasino LEO-80 Lathe                 | ENG-M014     | 2,400         | 3,100          | 4,700          |
| Bandsaw                                        | Amada Horizontal Bandsaw            | ENG-M015     | 2,000         | 2,700          | 4,000          |
| Grinder/Sander                                 | Belt Sander                         | ENG-M016     | 1,900         | 2,500          | 3,700          |
| Shearing machine                               | Morimitsu Shear                     | ENG-M017     | 2,000         | 2,700          | 4,000          |
| XXXXOUT OF SERVICE XXXXXXXXXX                  | JAM Hydraulic press                 | ENG-M018     | 1,900         | 2,500          | 3,700          |
| Bandsaw                                        | Luxo LE-400 Band saw                | ENG-M019     | 1,900         | 2,500          | 3,700          |
| Shearing/Bending machine                       | Nittoh sheet metal shear/brake      | ENG-M020     | 1,900         | 2,500          | 3,700          |
| Bending machine                                | Tennsmith HBU48-16                  | ENG-M021     | 1,900         | 2,500          | 3,700          |
| Surface grinder                                | Okamoto PFG450DXC surface grinder   | ENG-M022     | 2,400         | 3,100          | 4,700          |
| Drilling machine                               | ESD350-SL Drill press               | ENG-M023     | 1,900         | 2,500          | 3,700          |
| Drilling machine                               | ESD-460DX Drill press               | ENG-M024     | 1,900         | 2,500          | 3,700          |
| Abrasive blasting machine                      | Skat Blast Bead Blaster             | ENG-M025     | 1,900         | 2,500          | 3,700          |
| Welding machine                                | Daihen DA300P TIG Welder            | ENG-M026     | 2,200         | 2,900          | 4,300          |
| Coordinate measuring machine                   | Zeiss O-Inspect 322 CMM             | ENG-M028     | 2,900         | 3,800          | 5,700          |
| Optical measuring machine                      | Mitutoyo PH-3515                    | ENG-M029     | 2,000         | 2,700          | 4,000          |
| Vacuum oven                                    | Eyela Vacuum Drying oven            | ENG-M030     | 2,000         | 2,700          | 4,000          |
| 3D printer                                     | Form3+ 3D printer                   | ENG-M031     | 1,900         | 2,500          | 3,700          |
| Welding machine                                | Weldtool MIG-200s                   | ENG-M032     | 2,200         | 2,900          | 4,300          |
| Welding torch                                  | KS Panda Oxy-actylene torch         | ENG-M033     | 1,900         | 2,500          | 3,700          |
| Drilling machine                               | Micro drill press Leutor BDM-630    | ENG-M034     | 1,900         | 2,500          | 3,700          |
| 3D Printer                                     | Ultmaker 3D Printer (Lab1)          | ENG-M035     | 1,700         | 2,200          | 3,300          |
| 3D Printer                                     | Ultmaker 3D Printer (Lab3)          | ENG-M036     | 1,700         | 2,200          | 3,300          |
| 3D printer                                     | Ultmaker 3D Printer (Lab4)          | ENG-M037     | 1,900         | 2,500          | 3,700          |
| 3D Printer                                     | Ultmaker 3D Printer (ESB)           | ENG-M038     | 1,900         | 2,500          | 3,700          |
| 3D Printer                                     | Form2                               | ENG-M039     | 1,700         | 2,200          | 3,300          |
| 3D printer                                     | Form2                               | ENG-M040     | 1,700         | 2,200          | 3,300          |
| Pedestal grinder                               | Hitachi L-GR26                      | ENG-M041     | 1,900         | 2,500          | 3,700          |
| Pedestal Grinder                               | Hitachi R-GR31                      | ENG-M042     | 1,900         | 2,500          | 3,700          |
| 3D printer                                     | Form 3L                             | ENG-M043     | 1,900         | 2,500          | 3,700          |
| Nylon SLS 3D Printer                           | Form Fuse1+                         | ENG-M044     | 2,200         | 2,900          | 4,300          |
| Abrasive Waterjet Cutter                       | Wazer G2 desktop                    | ENG-M045     | 2,500         | 3,300          | 5,000          |
| 4th Axis Vertical machining center             | Hurco VM20i                         | ENG-M046     | 6,800         | 9,100          | 13,600         |
| Inductive Spot Welding Machine                 | Avio NRW-DC150                      | ENG-M047     | 1,900         | 2,500          | 3,700          |
| CNC Knee-type milling machine                  | Trak KMX3                           | ENG-M048     | 4,500         | 6,000          | 9,000          |
| Collet lathe                                   | Sharp 1118H                         | ENG-M049     | 4,200         | 5,500          | 8,300          |
| PCB making machine                             | LPKF Protomat                       | ENG-E001     | 4,200         | 5,500          | 8,300          |
| Cryogenic Vector Magnet System                 | Cryogenic Vector Magnet System      | ENG-E002     | 7,000         | 9,300          | 13,900         |
| Wire bonder, ball                              | Ball Bonder TPT HB16                | ENG-E003     | 2,900         | 3,800          | 5,700          |
| Wire bonder, wedge                             | Kulicke and Soffa 4523D             | ENG-E004     | 2,000         | 2,700          | 4,000          |
| UV-Vis Spectrophotometer                       | Perkin Elmer lambda 365             | ENG-N001     | 2,000         | 2,700          | 4,000          |
| XRD                                            | Rigaku                              | ENG-N002     | 3,700         | 4,900          | 7,300          |
| Fourier-transform infrared spectroscopy (FTIR) | Bruker Vertex 80v                   | ENG-N003     | 2,400         | 3,100          | 4,700          |
| Multipurpose X-ray Diffractometer (XRD)        | Bruker D8 Discover                  | ENG-N004     | 4,000         | 5,300          | 8,000          |
| E-beam evaporator                              | Plassys Bestek MEB 550S2-HV         | ENG-N005     | 8,000         | 10,600         | 15,900         |
| 3D laser lithography                           | Nanoscribe Photonic Professional GT | ENG-N006     | 3,000         | 4,000          | 6,000          |
| Spectroscopy (EDX)                             | FEI Quanta 250                      | ENG-N007     | 7,800         | 10,400         | 15,600         |
| Atomic Force Microscope (AFM)                  | Bruker Dimension ICON3              | ENG-N008     | 2,900         | 3,800          | 5,700          |
| Laser confocal microscope                      | Keyence VK-X210                     | ENG-N009     | 2,700         | 3,600          | 5,300          |
| Mechanical Profiler                            | Bruker Dektak XT                    | ENG-N010     | 2,200         | 2,900          | 4,300          |
| Spectrophotometer                              | CRAIC 20/30 PV                      | ENG-N011     | 6,200         | 8,200          | 12,300         |
| Raman Spectrometer                             | Tokyo Instruments Nanofinder 30     | ENG-N013     | 2,400         | 3,100          | 4,700          |
| Physical Property Measurements system (PPMS)   | Quantum Design PPMS Dynacool        | ENG-N014     | 3,200         | 4,200          | 6,300          |
| Magnetic Properties Measurement System (MPMS)  | Quantum Design MPMS 3 Evercool      | ENG-N015     | 4,300         | 5,800          | 8,600          |
| Single Crystal X-ray Diffractometer            | Bruker D8 Venture                   | ENG-N016     | 3,700         | 4,900          | 7,300          |
| Thin Film X-ray Diffractometer                 | Bruker D8 Discover                  | ENG-N017     | 3,000         | 4,000          | 6,000          |
| X-ray Fluorescence Spectrometer                | Horiba XGT-7000                     | ENG-N018     | 2,900         | 3,800          | 5,700          |

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|-----------------------------------------------------------|-----------------------------------|----------|--------|--------|--------|
| X-ray Photoelectron Spectroscopy (XPS)                    | ULVAC-PHI Quantes                 | ENG-N020 | 7,800  | 10,400 | 15,600 |
| Focused Ion Beam - Scanning Electron Microscope (FIB-SEM) | FEI Helios G3 UC                  | ENG-N021 | 7,300  | 9,700  | 14,600 |
| Selective Laser Etcher (SLE)                              | LightFab 3D Printer               | ENG-N022 | 2,900  | 3,800  | 5,700  |
| Inductively Coupled Plasma (ICP-CVD)                      | Oxford Instruments Plasmalab 100  | ENG-N023 | 7,600  | 10,200 | 15,200 |
| Atomic Layer Deposition (ALD)                             | Cambridge Nanotech. Savannah S200 | ENG-N024 | 2,200  | 2,900  | 4,300  |
| E-beam evaporator 2                                       | Kawasaki Science KE604TT1-TKF1    | ENG-N025 | 2,900  | 3,800  | 5,700  |
| Sputtering deposition                                     | ULVAC CAM-S                       | ENG-N026 | 3,000  | 4,000  | 6,000  |
| Parylene Coater                                           | SCS Coatings Labcoater 2          | ENG-N027 | 2,500  | 3,300  | 5,000  |
| Plasma Treatment system                                   | Nordson-March AP300               | ENG-N028 | 2,900  | 3,800  | 5,700  |
| Maskless lithography                                      | Nanosystem Solution DL-1000       | ENG-N030 | 2,500  | 3,300  | 5,000  |
| Mask Aligner / Bond Aligner                               | Suss Microtec MA/BA6              | ENG-N031 | 4,800  | 6,400  | 9,600  |
| Dicer                                                     | Disco DAD322                      | ENG-N032 | 2,200  | 2,900  | 4,300  |
| Time-resolved Photoluminescence                           | 03)                               | ENG-N033 | 4,300  | 5,800  | 8,600  |
| Glovebox                                                  | Unico UN-1000L                    | ENG-N034 | 2,500  | 3,300  | 5,000  |
| Oxygen Plasma Cleaner                                     | Plasma Prep III                   | ENG-N035 | 1,900  | 2,500  | 3,700  |
| Polisher/ Grinder                                         | South Bay Technology Model 900    | ENG-N036 | 1,900  | 2,500  | 3,700  |
| Scriber                                                   | Musashino-Denshi SC-100           | ENG-N037 | 1,900  | 2,500  | 3,700  |
| UV Ozone Cleaner                                          | Jetlight 42-100                   | ENG-N038 | 1,900  | 2,500  | 3,700  |
| Nanoindenter                                              | Bruker TS77 select                | ENG-N039 | 5,000  | 6,600  | 9,900  |
| Raman Spectrometer                                        | Witec/Oxford                      | ENG-N040 | 5,200  | 6,900  | 10,300 |
| Rheometer                                                 | Anton Paar MCR302                 | ENG-N041 | 2,400  | 3,100  | 4,700  |
| Rapid Thermal Annealer                                    | ULVAC MILA-5000                   | ENG-N045 | 2,000  | 2,700  | 4,000  |
| PE-ALD system                                             | Samco AD-800LP                    | ENG-N053 | 6,200  | 8,200  | 12,300 |
| E-beam lith 100kv                                         | Elionix ELS Boden                 | ENG-N054 | 11,600 | 15,400 | 23,100 |
| Maskless Lithography system                               | Heidelberg MLA-150                | ENG-N055 | 6,300  | 8,400  | 12,600 |
| Deep Reactive Ion Etching system                          | Samco 400IPB                      | ENG-N056 | 16,700 | 22,300 | 33,400 |
| PE Chemical Vapor Deposition system                       | Samco PD-220NL                    | ENG-N057 | 12,100 | 16,100 | 24,100 |
| Plasma Cleaner                                            | Diener Electronics Atto           | ENG-N058 | 2,500  | 3,300  | 5,000  |
| Reactive Ion Etching system                               | Samco RIE-200NL                   | ENG-N059 | 11,300 | 15,000 | 22,500 |
| HF Vapor Etching System                                   | SPTS Primaxx uEtch                | ENG-N060 | 9,500  | 12,600 | 18,900 |
| Sputter machine                                           | Hitachi MC1000                    | ENG-N061 | 2,200  | 2,900  | 4,300  |
| Sputter machine                                           | Kurt J Lesker PVD 75              | ENG-N062 | 12,900 | 17,200 | 25,800 |
| SLE 3D printer                                            | LightFab M                        | ENG-N063 | 7,000  | 9,300  | 13,900 |
| Maskless DMO                                              | Microwriter ML3                   | ENG-N064 | 3,000  | 4,000  | 6,000  |
| SEM                                                       | Zeiss Merlin                      | ENG-N065 | 7,500  | 9,900  | 14,900 |
| Ellipsometer                                              | Sentech SER800                    | ENG-N066 | 6,300  | 8,400  | 12,600 |
| Oxidation Furnace                                         | SCVS                              | ENG-N067 | 3,300  | 4,400  | 6,600  |
| Plasma Cleaner                                            | SPI Plasma Prep II(2)             | ENG-N068 | 2,500  | 3,300  | 5,000  |
| Mechanical Profiler                                       | Dektak Pro A                      | ENG-N069 | 4,500  | 6,000  | 9,000  |
| Sample polishing machine                                  | South Bay Technology Model 900    | ENG-N070 | 1,900  | 2,500  | 3,700  |

| Technical Fee / Administrative Fee<br>技術料および事務手数料 | Price (Yen)<br>金額 (円)                                        |
|---------------------------------------------------|--------------------------------------------------------------|
| Registration Fee*<br>登録料*                         | 10,000                                                       |
| Technical Fee (Per Hour)**<br>技術料 (時間) **         | 6,500                                                        |
| Invoice Issuance Fee<br>請求書発行手数料                  | First Time Only/初回：2,500<br>From the Second Time/2回目以降：1,500 |

\*Please note that registration remains valid for active users. Should a user be inactive for one year then registration will expire. Once expired, re-registration will be required to access the OIST Core Facilities.

\*登録料は初回利用時に利用料と合わせて請求されます。登録は、最後のご利用日から1年間有効です。それ以降は登録が自動的に失効し、その後OISTコアファシリティを利用する際には再登録および登録料が必要となります。

\*\*When technical staff provide training and services for equipment use, an additional technical fee of ¥6,500 per hour will be charged.

\*\*機器利用において、技術職員によるトレーニングおよびサービスが提供される場合、1時間あたり技術料6,500円が追加で請求されます。

#### <Notes/備考>

Equipment usage fees are calculated on an hourly basis, so any usage less than one hour will be rounded up to the nearest hour.

機器の利用料金は1時間単位での精算となるため、1時間に満たない端数は時間単位に繰り上げて精算いたします。

All of the above fees include consumption tax (10%).

上記料金はすべて消費税 (10%) 込みの料金となっております。