
MDMF (CWB)

Charging Scheme – wef 1 Feb 2026

1. Tier-1 Jobs (HKUST internal users)

1.1 Design & Fabrication Unit, DFU (Machine being operated by MDMF staff)

Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$90/hour

1.2 Material Testing Unit, MTU (Machine being operated by end users)

Charges = Consumables + Machine charge per associated category (refer to Table 1)

Note:

- For new user, additional charge for new user training per associated machine category (refer to Table 1).

1.3 Maintenance & Repair Unit, MRU

Charges = Consumables + Man hour charge of HK\$200/hour

Remarks:

- For charges being based on hour, the charging will be rounded up to the nearest 0.5 hour.
- For charges being based on day, the charging will be rounded up to the nearest 0.5 day.

2. Tier-2 Jobs (Users from sister institutions)

2.1 Design & Fabrication Unit, DFU (Machine being operated by MDMF staff)

Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$170/hour

2.2 Material Testing Unit, MTU (Machine being operated by end users)

Charges = Consumables + Machine charge per associated category (refer to Table 1)

Note:

- For new user, additional charge for new user training per associated machine category (refer to Table 1).
- If machine is to be operated by MDMF staff, then there is an additional Man hour charge of HK\$550/hour.

2.3 Maintenance & Repair Unit, MRU

Charges = Consumables + Man hour charge of HK\$400/hour

Remarks:

- For charges being based on hour, the charging will be rounded up to the nearest 0.5 hour.
- For charges being based on day, the charging will be rounded up to the nearest 0.5 day.
- External users will pay an additional 30% of the above charges to cover university overhead.

3. Tier-3 Jobs (Industrial & service contracts and consulting work)

3.1 Design & Fabrication Unit, DFU (Machine being operated by MDMF staff)

Charges = Consumables + Machine charge per associated category (refer to Table 1) + Man hour charge of HK\$340/hour

3.2 Material Testing Unit, MTU (Machine being operated by MDMF staff)

Charges = Consumables + Machine charge per associated category (refer to Table 1) + Man hour charge of HK\$550/hour

3.3 Maintenance & Repair Unit, MRU

Charges = Consumables + Man hour charge of HK\$670/hour

Remarks:

- For charges being based on hour, the charging will be rounded up to the nearest 0.5 hour.
- For charges being based on day, the charging will be rounded up to the nearest 0.5 day.
- External users will pay an additional 30% of the above charges to cover university overhead.

Table 1: Machine Category & Associated Machine Charge

Unit	Category	Machine	Charging Rate - Tier 1	Charging Rate - Tier 2	Charging Rate - Tier 3	New User Training
DFU	1	Conventional Machining	HK35/hr	HK58/hr	HK70/hr	N/A
DFU	2	Wire-Cut Machine / EDM Machine / CNC Machining Center / CNC Lathe / CNC Milling Machine / Professional Grade 3D Printer / Laser Cutting Machine for Metal	HK55/hr	HK88/hr	HK110/hr	N/A
MTU	1	Furnace / Memmert Oven / Vacuum Oven	HK80/day	HK80/day	HK160/day	NIL
MTU	2	Tube Furnace	HK200/day	HK200/day	HK400/day	NIL
MTU	3	Diamond Precision Saw / Humidity Chamber / Reactive Ion Etching (RIE) / Sonicator / Topcon TMM-130Z Measuring Microscope	HK30/hr	HK60/hr	HK90/hr	HK300
MTU	4	ASC Process Systems Autoclave / Extruders (Single Screw, Twin Screw) / MTS 810 100KN Universal Testing Machine / MTS 858 Mini Bionix / MTS 858 Table Top System / MTS Bionix Servohydraulic Test System / Hydraulic Vacuum and Lamination Hot Press	HK150/hr	HK600/hr	HK900/hr	HK300

MTU	5	3D Surface Metrology: Bruker NPFLEX-1000	HK300/hr	HK600/hr	HK900/hr	HK300
MTU	6	Contact Angle Meter : Biolin Theta / Image Processing System / IR Camera / Particle Size Analyzer / Scanning Acoustic Microscope (C-SAM) / TecScan 7 Axis Immersion Scanner / ZetaPlus (Zeta Potential Nano-particle Analyzer)	HK200/hr	HK600/hr	HK900/hr	HK300
MTU	7	Centrifuge Z 326	HK50/hr	HK600/hr	HK900/hr	NIL
MTU	8	NanoIndenter	HK500/day	HK600/hr	HK900/hr	HK300
MTU	9	X-Ray with CT Imaging System	HK500/hr	HK800/hr	HK1000/hr	N/A
MTU	10	Surface Area and Pore Size Distribution Analyzer*	HK30/hr	HK50/hr	HK100/hr	HK300

* (Minimum charge is 30hrs.)