



MDMF (CWB)

Charging Scheme – wef 2 April 2024

1. Tier-1 Jobs (HKUST internal users)

- 1.1 EMF and CAD-1 (Machine being operated by MDMF staff)
Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$80/hour
- 1.2 MAT and CAD-2 (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 IMR and DS
Charges = Consumables + Man hour charge of HK\$150/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.
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2. Tier-2 Jobs (Users from sister institutions)

- 2.1 EMF and CAD-1 (Machine being operated by MDMF staff)
Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$150/hour
- 2.2 MAT and CAD-2 (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\$500/hour.
- 2.3 IMR and DS
Charges = Consumables + Man hour charge of HK\$300/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.
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3. Tier-3 Jobs (Industrial & service contracts and consulting work)

- 3.1 EMF and CAD-1 (Machine being operated by MDMF staff)
Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$300/hour
- 3.2 MAT and CAD-2 (Machine being operated by MDMF staff)
Charges = Consumables + Machine charge per associated category (refer to Table 1) +
Man hour charge of HK\$500/hour
- 3.3 IMR and DS
Charges = Consumables + Man hour charge of HK\$500/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
CAD-1	6	Coordinate Measuring Machine / Professional Grade 3D Printer / Laser Cutting Machine for Metal / High Precision Optical Scanner	HK50/hr	HK80/hr	HK100/hr	N/A
CAD-2	4	Contact Angle Meter : Biolin Theta	HK100/hr	HK600/hr	HK900/hr	HK300
CAD-2	5	3D Surface Metrology: Bruker NPFLEX-1000	HK150/hr	HK600/hr	HK900/hr	HK300
CAD-2	7	NanoIndenter	HK250/day	HK600/hr	HK900/hr	HK300
EMF	3	Conventional Machining	HK30/hr	HK50/hr	HK60/hr	N/A
EMF	6	Wire-Cut Machine / EDM Machine / CNC Machining Center / CNC Lathe / CNC Milling Machine	HK50/hr	HK80/hr	HK100/hr	N/A
MAT	1	Furnace / Memmert Oven / Vacuum Oven	HK80/day	HK80/day	HK160/day	NIL
MAT	2	Tube Furnace	HK200/day	HK200/day	HK400/day	NIL
MAT	3	Diamond Precision Saw / Humidity Chamber / Reactive Ion Etching (RIE) / Sonicator / Topcon TMM-130Z Measuring Microscope	HK30/hr	HK600/hr	HK900/hr	HK300
MAT	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 / Ultracut & Ultramicrotome	HK100/hr	HK600/hr	HK900/hr	HK300



Unit	Category	Machine	Charging Rate - Tier 1	Charging Rate - Tier 2	Charging Rate - Tier 3	New User Training
MAT	4	Hydraulic Vacuum and Lamination Hot Press	HK100/hr	HK600/hr	HK900/hr	NIL
MAT	5	Image Processing System / IR Camera / Particle Size Analyzer / Scanning Acoustic Microscope (C-SAM) / TecScan 7 Axis Immersion Scanner / ZetaPlus (Zeta Potential Nano-particle Analyzer)	HK150/hr	HK600/hr	HK900/hr	HK300
MAT	6	Centrifuge Z 326	HK50/hr	HK600/hr	HK900/hr	NIL
MAT	8	X-Ray with CT Imaging System	HK200/hr	HK600/hr	HK900/hr	N/A
MAT	9	Surface Area and Pore Size Distribution Analyzer*	HK30/hr	HK50/hr	HK100/hr	HK300

* (Minimum charge is 30hrs.)