20250910 Adding rules for night users

Usage Guidelines of Sample Preparation Room

Venue: Room 103, Physical Analysis Laboratories, Sengen Site

■Usage Time and Available Users

- This room is available from 9:00~16:30 on weekdays (＊).
- Only license holders can use licensed apparatuses.
- The license needs to be renewed every year.
- When entering or exiting the room, please borrow or return the card key from the staff room (Room 101, Physical Analysis Laboratories)(＊).

＊: For night users of NIMS members, available from 9:00~20:30 on weekdays with their ID card after completing the necessary procedures.

■Reservation Rules and Usage Fee

- There are the apparatuses that require reservations and apparatuses that do not require reservations.
- **Apparatuses requiring reservations**

  ・Model 691 PIPS
  ・Ion Slicer EM-9100IS
  ・Dimple Grinder
  ・ISOMET Low Speed Saw
  ・Multiprep System

  - Usage fee will be charged for "technical support" for hands-on training and "Common use" after getting a license.
  - To use the apparatuses, you need to make a reservation in one-hour increments in advance through the reservation system.
    e.g. 10:30-12:00 :NG /10:00-12:00 :OK
  - The reserved time slots in the reservation system will be directly reflected in the usage fee. You can separate the time slots, not to include break time.
  - No limit to the number of reservation slot per day.
  - Cancellations or changes can be made up to the day before the reservation day.
  - If you cancel or change your reservation at short notice, please contact the office (tem@nims.gp.jp) and the staff in charge.

- **The apparatuses that do not require reservations**
  - The other apparatuses such as coaters may be used without reservation by licensed users of the equipment. However, please note that the timing of use may overlap with other users.
  - Usage fee will charge for “technical assistance" for hands-on training, but there is no charge for "common use" after getting a license.

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List of TEM Sample Preparation Apparatus

Reservations required

■ ISOMET Low Speed Saw

- ·Low Speed / light load
- ·4-inch diamond blade
- ·Blade speed: 0 to 300 rpm

■ Model 691 PIPS

- ·Acc. voltage: 0.1 to 6 kV
- ·Milling angle: ±10°
- ·Types of Gas: Argon
- ·Liquid Nitrogen (LN2) Cold Stag

■ Multiprep System

- ·Angular adjustments: 0 to 10 degrees
- ·Platen rotation speed: 5 to 350 rpm
- ·Sample load: 0 to 600 g
- ·Digital dial indicator

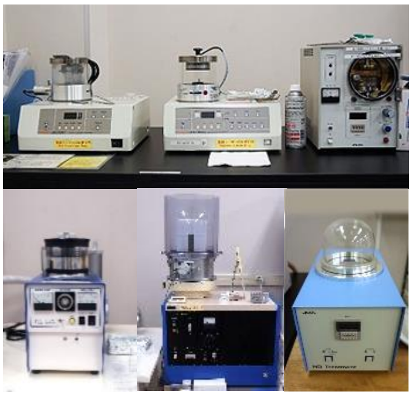
■ Dimple Grinder

- ·Grinding wheel diameter: 15 mm
- ·Grinding wheel load: 0 to 40 g
- ·Grinding wheel speed: 0 to 600 rpm
- ·Initial specimen thickness: less than 200 μm
- ·Grinding can be stopped at set thickness automatically.

■ Ion Slicer EM-9100IS

- ·Acc. voltage: 1 to 8 kV
- ·Milling angle: ±6°(0.1°step)
- ·Types of Gas: Argon

No reservation required



- ·C Coater JEC-560
- ·Pt Coater JFC-1600
- ·Au Coater JFC-1500
- ·Os Coater HPC-1SW
- ·Evaporation deposition equipment SVC-700
  (Need to bring your evaporation source.)
- ·Hydrophilization treatment equipment DII-29020HD
- ·Others (hot plate etc.)