
Microbalance

CORAL

You must be a “Qualified Self-User” to operate this instrument

You must be on the labs “Instrument Reservation Schedule” before touching the instrument for any reason.

When you arrive, Engage the instrument using CORAL.

When you leave, Disengage the instrument using CORAL.

Any problems, STOP, Post a note on the instrument and send an email to

mtim@mit.edu immediately.

Room Hazards (13-4139 & 13-4148)

Cryogenic Liquids, Chemicals & Lasers.

Safety

Required Apparel – Gloves, Lab Jacket, Safety Glasses.

No Hydro Fluoric Acid usage.

No Viable Biological Samples.

EMERGENCIES DIAL100 (From an MIT phone)

MIT Police (617) 253-1212

Microbalance

Notes:

Use metal weighing pans.

This balance is static sensitive.

Never add sample to the pan while it is on the balance.

Always Load your sample into a pan and then place the pan on the balance.

Never move the balance.

Checkout the Balance when arriving:

Find in Standby Mode.

Operation:

Press Standby button.

Wait for self test to finish.

Open the door.

Place the weighing pan onto the balance.

Close the door.

Tare balance.

Open the door.

Remove weighing pan.

Place your sample in the pan.

Place the sample pan onto the balance.

Close the door.

Record the weight.

Shutdown:

Close the door.

Leave in standby mode.