

Components



Speed Vac maintenance guidelines – BUCBM

Change OIL

Use gloves

Turn off trap (LHS)

Slide pump forward on tray and open gray oil filling port (on top)

Remove lower RHS knob to let oil drain to waste using a funnel (Note Oil color--- opaque is bad)

Empty oil waste into marked blue container

Use glass funnel

Put plug back in

Remove Mist Filter (on Top) with RED knob (Remove Clamp)

Remove black knob on mist filter- empty any residual oil.

Replace Mist Filter

Pour oil into trap to the top line ---Be careful not to overfill (Opening on top)

Change Trap

Pop off black top

Pull out foam with the glass trap

Put in clean glass trap with foam o-ring

Insert black top

Let old trap thaw in hood

Empty organic from trap into waste

Rinse trap with water and let dry

Put trap into box/drawer

Use methanol/water to wipe up vacuum centrifuge chamber

Turn system back on

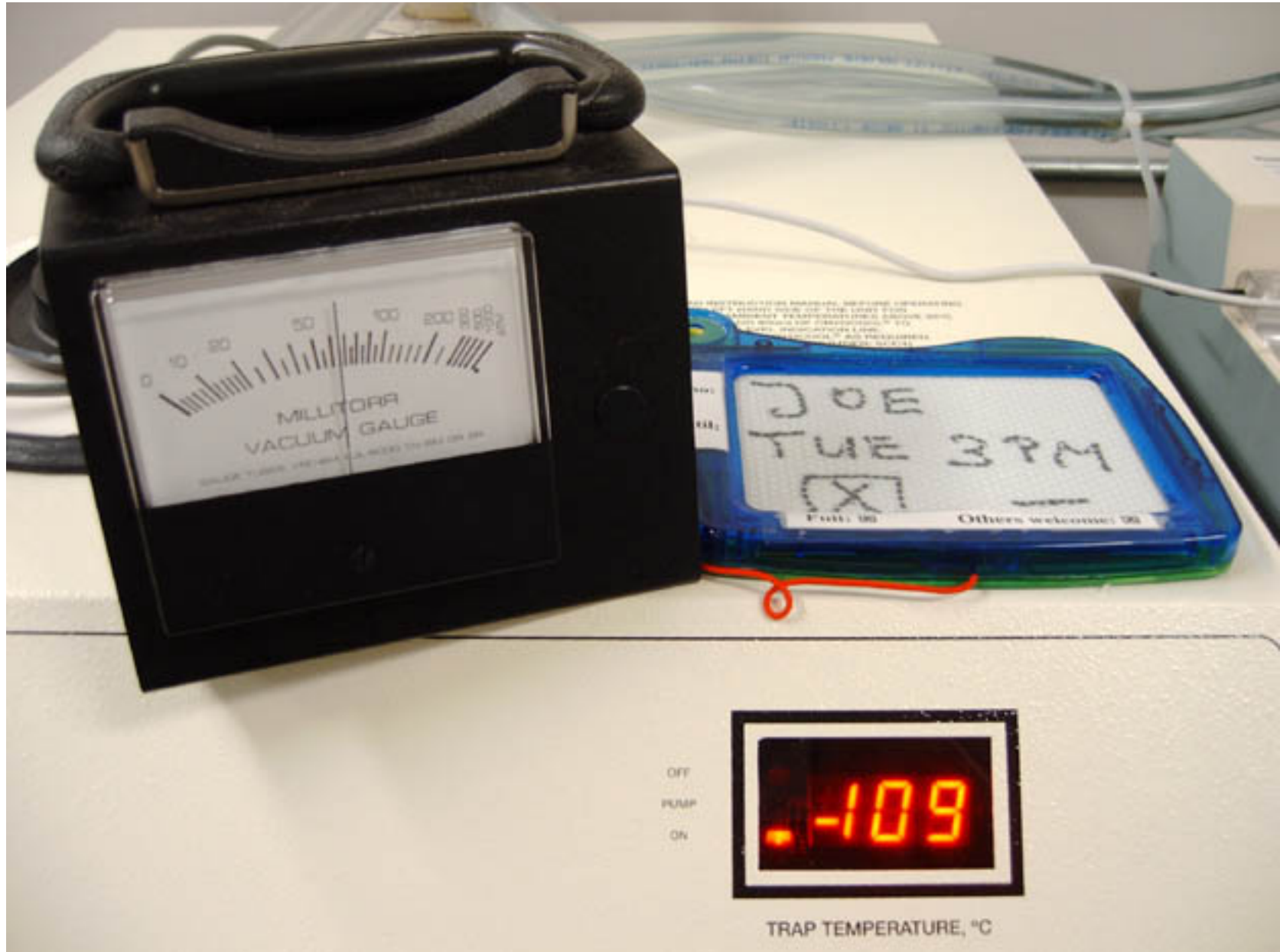
Tidy the area

Check pressure (should be about 25mTorr)

Filling



Operating Conditions



Regular Maintenance



- Oil level
- Mist filter
- Solvent trap

System must be vented before (!) turning off the pump:
Otherwise the oil is sucked into the sample chamber (this happened during power failures)