



**Saint Mary's
University**

Electron Microscopy Centre

Title: STANDARD PROCEDURES TO USE THE GLUE GUN

Equipment: Mini Glue Gun

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Warning!

Before you attempt to operate this equipment for the first time, please make sure you are aware of the precautions that you must take to ensure your own safety.

Working Environment

Do not use electrical equipment in:

- Rain or excessive moisture environment
- The presence of flammable or explosive gases

The equipment is not designed to be water or splash proof, or to be used in area where there are flammable or explosive gases or fumes.

Caution



Melted glue will burn skin. Nozzle area temperature becomes very hot. Do not touch melted glue or nozzle area.

Hot tip may also cause damage to work surface if left in direct contact.

Wear goggles all the time.

Standard Procedures to Use the glue gun

The glue gun allow user to instantly bond specimen onto aluminum stub. **Heat sensitive materials should not be mounted onto stubs using the glue gun.** Consult EMC staff for additional information.

1. Clear the work area so that the nozzle of glue gun won't accidentally touch anything.
2. Check if there is enough glue stick in the opening of the glue gun. If not, ask the EMC staff to provide it. Insert the glue stick through rear opening of the gun.
3. Plug the glue gun into 120 VAC electrical outlet.
4. After 3-5 minutes, the glue gun is heated and ready for use.
5. Apply the glue onto the stub by squeezing the trigger of the glue gun. The amount of glue applied is determined by how far the trigger is pulled.
6. When sufficient amount of glue is applied on the stub, transfer your specimen slowly onto the glue. Taking care not to damage the interested area of the specimen.
7. When the glue is cooling down, the specimen should be sitting on the stub firmly.
8. Reload glue sticks as needed.
9. Unplug glue gun after use or if it will not be within a 2 hour period.
10. At this time, the specimen is ready for sputter coating.



Reference:

1. Mini Glue Gun operation manual.