

Installing Slitmasks with Pick-off Mirrors

Pick-off mirrors will only be used with the older type slitmask frames.

Tools

“old” slitmask frames

LRIS user masks/engineering masks

Pick-off mirrors

Rubber gloves

Clean, dry compressed air

Procedure

1. Verify the area you are working in is clean of debris and contaminants.
2. Wearing gloves verify cleanliness of frames, slitmasks, and pick-off mirrors.
3. Verify that the slits are clean by holding the mask up to the light and examining the edges of the slits with the lamp magnifying glass.
4. Clean the mask with compressed air.
5. Insert the mask in the holder and screw it in using the screws and allen head or ball driver (1/16") located in the box on the desktop.
6. Tape the edges of the slitmask to the frame.
7. Install a pickoff mirror using the pickoff mirrors, screws and ball driver in the box on the desktop.
8. Ensure any pickoff mirrors are covering the registration hole, flush with the crossbar and not broken or smudged.
9. Ensure both frame screws are secure and flush.
10. Put the mounted mask in the slitmask case in the numerical position it is to be installed in.