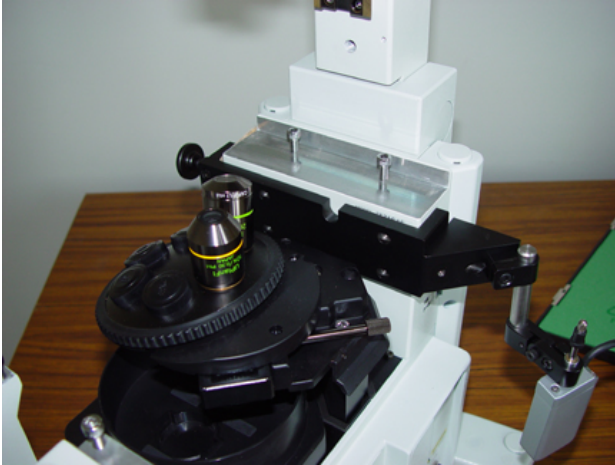


### Installation Instructions for Z encoder Probe on IX71 Microscope

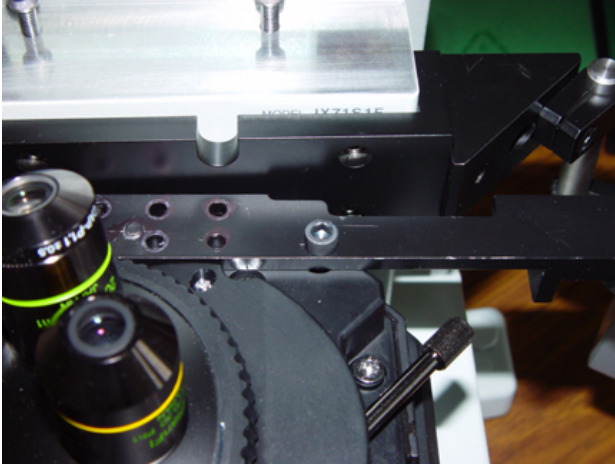
1. Mount the frame bracket and install the encoder probe bar as shown below. To do this you will need to remove the large circular M8 screw and pad assembly from the bracket and replace it with the M8 set screw provided.



2. Remove the M5 screw in the rear right hand side of the nose piece carrier shown below.



3. Place the probe reference bracket on top of nosepiece carrier. and attach it from the top using the M5 x 35 SHCS provided by threading it into the location for the M5 screw that was removed, and attach it from the bottom through the existing thru hole in the nosepiece carrier and into the tapped hole in the probe reference bracket as shown below.



4. Install the encoder probe as shown below and rotate the encoder and the encoder contact plate so that the probe comes into contact with the 19mm glass disc on the probe reference plate. Note if the glass contact plate is oriented upward you need to loosen the set screw that holds the probe reference plate to the probe reference bracket and flip the plate over so that the glass plate contacts the encoder probe. The encoder installation is now complete.

