

## Activity 6

A sine bar of length 250 mm (distance between rollers) was used to measure angle  $\theta$  on a specimen block as shown. The readings of the dial indicator at point A is 0 mm and at point B is -0.005 mm. The distance between A and B is 50 mm. The gauge blocks have a combined length of 55.800 mm. Determine angle  $\theta$  to the nearest arc seconds.

