1. PURPOSE:

This document describes how to make sure that the X arm is travelling acurately as per the adjusted distances.

2. SCOPE:

There is a simple test to do with the aid of a caliper.

3. PROCEDURE:

1. Go to Offset/Verify/Adjust Screen, then push “CHECK & SAVE CHANGES”. Arm will move to “3250 microns” in this case, or the value shown in your screen.

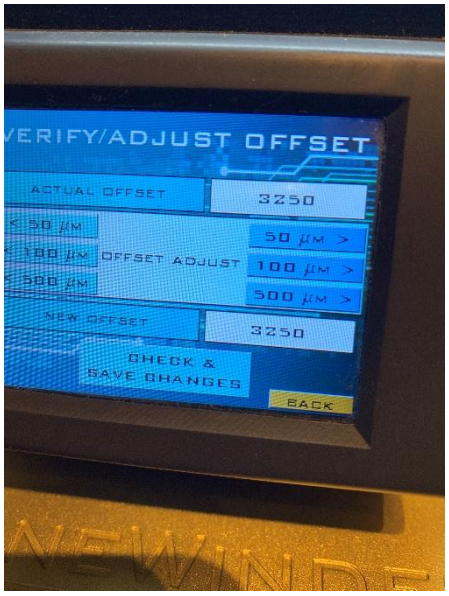

Figure 1: VERIFY/ADJUST OFFSET screen

2. Place the caliper (or a drawing ruler) to measure the distance between the Wire guider aluminium block and the black box as in the below screens.

Figure 2: Placing the caliper

Figure 3: Placing the caliper (2)

3. Set the caliper to cero, or take note of the value.

Figure 4: Setting caliper to cero.
To read put the Picture with head facing down

4. Then increase by 10.000 microns the Offset value by pushing repeatedly the right “500 um” button, It will be “13.250 microns” in this example

Figure 5: Adding 10.000 microns to offset value.

5. Once you have increased the Offset value, push the “CHECK & SAVE CHANGES” again. The arm should move right by 10.000 microns (10mm/one cm).

6. Measure the distance with the caliper, it should match perfectly with a difference of no more than a 1%.

Figure 6: Measuring 10.000 microns offset value
To read put the Picture with head facing down

7. Once verified that the distances are correct, return the offset value to its previous value, push “CHECK & SAVE CHANGES”, and then leave the verify screen.

4. CONTACT FOR SUPPORTING:

If you face any kind of problem using this procedure, or In case the measured distances are not correct please contact us by email:

info@tonewinder.com