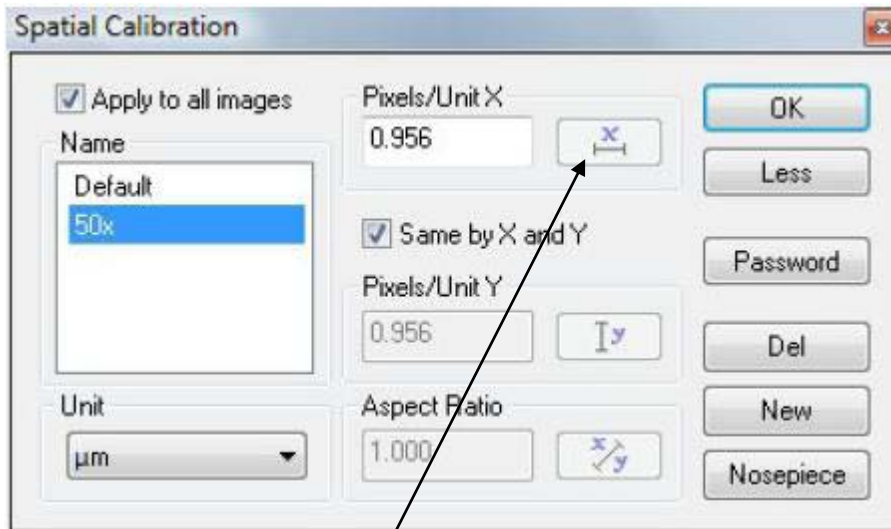




How to calibrate and add scale bar to measurement in μ Scope products:

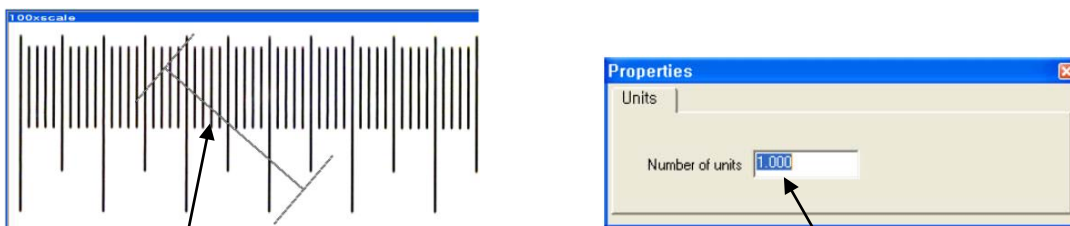
Capture an image of your stage micrometer at a known magnification setting. My recommendation is the highest possible. Close the preview window so that the captured image is active.

On the main menu bar, select MEASURE/CALIBRATION and select Calibration. This window opens:



Select NEW and "Spatial0" is added to the Name list. Double click to highlight and over write it with the magnification that you want to reference (e.g. 10X). Select the unit of measurement that you wish to use (e.g. μ m as shown in this clip). Select the X Axis calibration tool.

The following windows will appear:



Move the Caliper Tool and align each end to lines on the stage micrometer such that the Caliper Tool spans a known distance. Insert that known distance in the NUMBER OF UNITS properties box. Click OK and you are calibrated at that magnification. Repeat for as many magnifications as you wish.

Once completed, open MEASURE/CALIBRATION and select CREATE MARKER. This is your scale bar. You can move it, size it and modify its appearance. Make sure you select the appropriate magnification from the Name list in the Spatial Calibration window. At this point, it is an overlay and not "burned" into the image. Once you have the marker where you need it, select IMAGE/APPLY VECTORS from the menu bar and the stage micrometer image will be merged with your captured image.

All of this can be found in the Calibration section of the operations manual.