How to Measure a Circle Using the SmartMicroScope 5M

Connect the SmartMicroScope to the USB port and then open the software.

Place the SmartMicroScope 5M on a ruler and adjust the focus knob until the image is sharp.

1. Put your ruler under the SmartScope and bring into focus.
2. Using the function keys at the top of the SmarMicroScope Viewer 5M Click on the Measurement Tool

3. **You must calibrate the SmartMicroScope to get an accurate reading.**

4. First, change the "Mode" to Circle

5. Click on the Cross hairs box

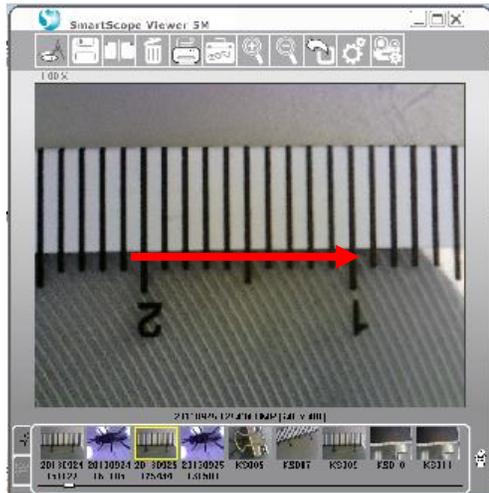6. Change the Line Color, if needed

7. Click on the Calibrate box

8. Change the "Reference Unit" to the desired measurement (example: inches, mm, mil)

9. Change the Reference to 10
Note: The distance between the 1 and 2 is 10 mm

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10. Using your mouse, right click and drag your mouse from the 2 to the 1 on the ruler (left side of each line).

11. Release the right click and the calibration is complete.

12. Click the Measurement button to go back to the live image.

13. Place the object you want to measure under the SmartMicroScope.

    (NOTE: If you change the focus dial, you will need to re-calibrate the scope.)
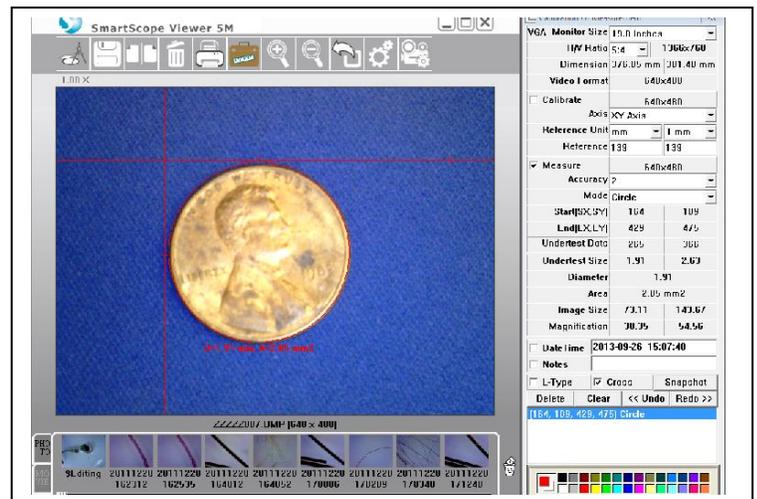
14. Click on Measurement on the toolbar

15. Cross Hairs will appear in the viewer.

16. Move cross hairs to the top left of the image

17. Right click the mouse and drag the cross hairs down and to the right

18. Release the mouse and the measurement will be displayed.
    NOTE:"D" = Diameter and "A" = Area

20. After finishing the measurement click the snapshot button **Snapshot** or save key to save the measured picture.