

## Annotation Module - User Guide

1. Please make sure you select the correct magnification objective **BEFORE** saving an image.
2. We recommend that you save your image, annotate it and then save an annotated copy of the original (e.g. add \_antd to the filename).

To activate the annotation mode press ANNOTATE

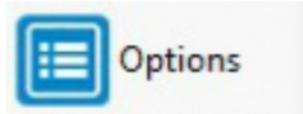


During annotation mode the live image is frozen and the camera controls greyed out.

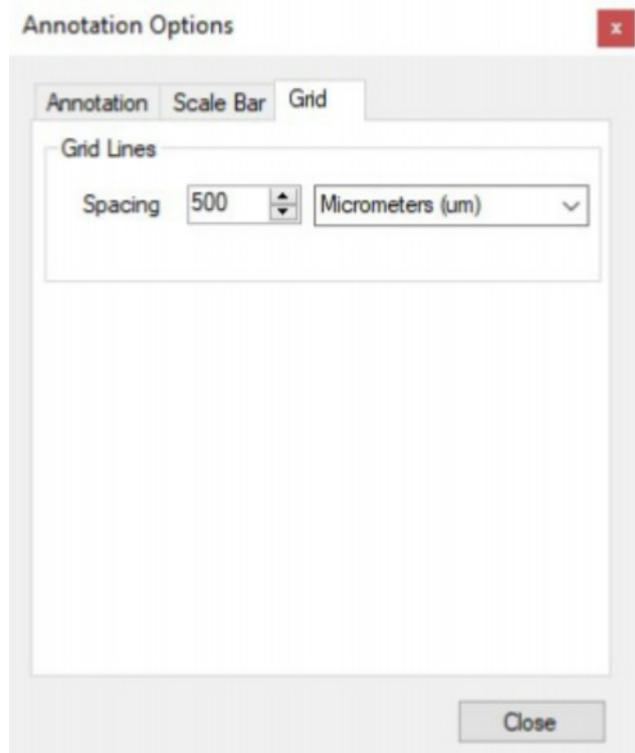
**TOOLS ARE “STICKY” e.g. You will keep drawing arrows until another tool is selected or your deselect the arrow.**

<p><b>Annotations</b></p> <p>Annotate</p>	Press to return to LIVE mode.
<p>Objectives</p> <p>40x</p>	Select the correct magnification microscope objective before saving an image. Set the scale bar options for each individual objective (this is what determines the default units).
<p>Micrometers (u)</p>	Select the line measurement units.
<p>Undo Last</p>	Undo the last annotation you added to the image.
<p>Clear All</p>	Clear all of the annotation you have added to the image.
<p>Load</p>	Load a previously saved image.
<p>Color Selection</p>	Select the annotation colour.
<p>Measure</p>	Measure a straight line.
<p>Arrow</p>	Draw an arrow (tail to tip).
<p>Circle</p>	Draw a circle. Click on the centre of the point of interest to place and use the drag points at the top and centre to resize and move.
<p>Rectangle</p>	Draw a rectangle (hold and drag diagonally to draw). Use the centre drag point to move.
<p>Grid</p>	Draw a grid (hold and drag diagonally to draw). Release to draw to the nearest complete square. Use the top left drag point to move. Grid size is determined in the <b>Options</b> .
<p>Count</p>	Manually count points. Set the glyph size, text size and colour. You can display results on the image. Drag the bottom right corner to increase the size of the results box.
<p>Text</p>	Write text first then click the Text button, then click inside the image to add the text. Move the text box by clicking top left corner.
<p>Text</p>	Write your text in this box first.
<p>Scale Bar</p>	Click to add a scale bar which will be placed according to your “scale bar options”.
<p>Save</p>	Save your annotated image.
<p>Options</p>	Annotation, Grid and Scale Bar options - <b>more on next page</b> .

Annotation options:

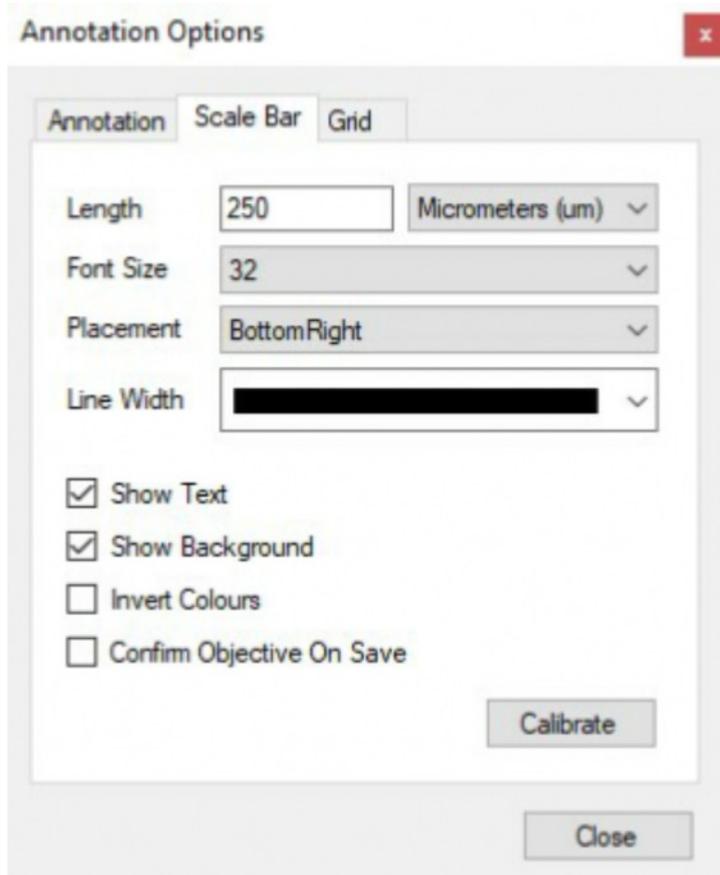


Select line width and text size



Select grid spacing and units.

**Scale Bar options: THESE OPTIONS APPLY TO THE CURRENTLY SELECTED OBJECTIVE - each objective needs the scale bar options to be set-up. Select the objective magnification then press Annotate - Options.**



**Scale bar length** - this will vary between objectives.

**Units** - these units are also applied to line measurements.

**Font size** - the size of the length text (e.g. 250).

**Placement** - Manual (click inside the image, drag point top left), bottom right, bottom left, top right, top left.

**Show text** - the length text (e.g. 250) on / off.

**Show background** - on / off.

**Invert colours** - black scale bar and text on white background or vice versa.

**Confirm Objective On Save** - when ticked a pop-up will ask the user to confirm the current microscope objective magnification and will automatically add a scale bar (according to the options) to the image.