

Annotation Module - User Guide

Please note: This guide assumes you have calibrated the Annotation Module. For instructions on how to calibrate the software please refer to the guide: Cytocam - Calibrating the Annotation Module.

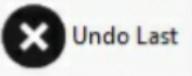
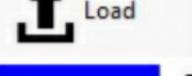
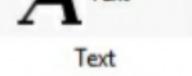
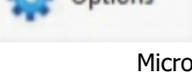
You can save your image before and / or after annotation. If you would like to save a non-annotated version of your image, please use the **Capture Snapshot** or **Capture Snapshot As...** functions (see Cytocam - User Guide for details). When you have finished annotating your image save it by pressing:

To activate the annotation mode press ANNOTATE

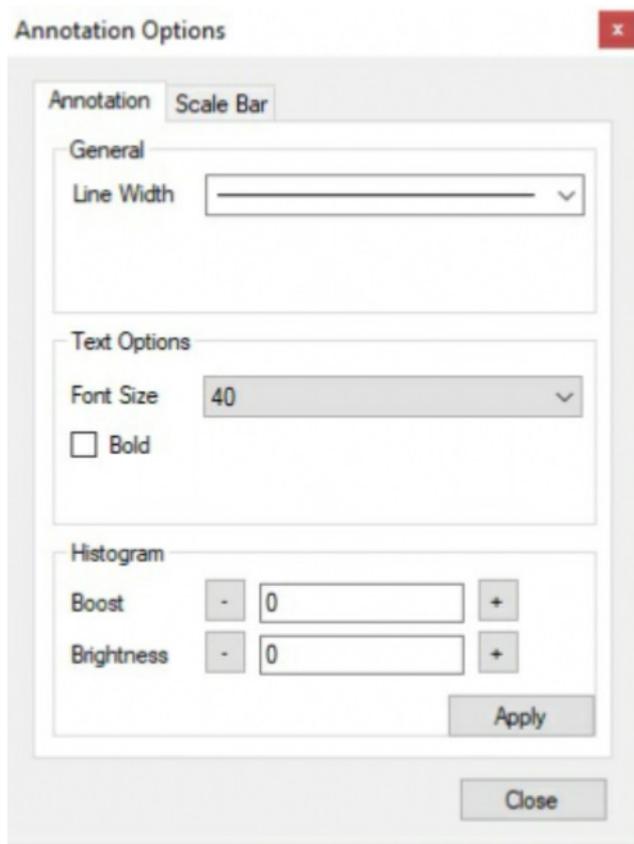


During annotation mode the live image is frozen and the camera controls greyed out.

Cytocam now stores calibration data within the image. You can open a saved image in the desktop version of Cytocam and do measurements. MAKE SURE THE CORRECT OBJECTIVE IS SELECTED BEFORE SAVING YOUR IMAGES OR TICK "CONFIRM OBJECTIVE IN SAVE" IN "OPTIONS" TO BE PROMPTED.

Annotations	Button Overview: Click on the button then click within the image to draw the annotation.
 Annotate	Freeze live image and activate Annotation mode.
Objectives	Press to see / change your listed microscope objectives.
10x	Select the current microscope objective - very important if you are doing measurements!
Micrometers (ur)	Select the line measurement units.
 Undo Last	Clear the last annotation you added to the image.
 Clear All	Clear all of the annotation you have added to the image.
 Load	Load a previously saved image.
	Select the annotation colour.
 Line	Draw a measurement line (length is displayed automatically).
 Arrow	Draw an arrow (tail to tip).
 Circle	Draw a circle (click on the centre of the point of interest to place)
 Rectangle	Draw a rectangle (hold and drag diagonally to draw).
 Text	Click the button and then click inside the image to add text (write the text first). Write your text in this box.
 Scale Bar	Click to add a scale bar (will be placed according to your "scale bar options").
 Save	Save your annotated image.
 Options	Annotation and Scale Bar options - more on next page.

Annotation options:

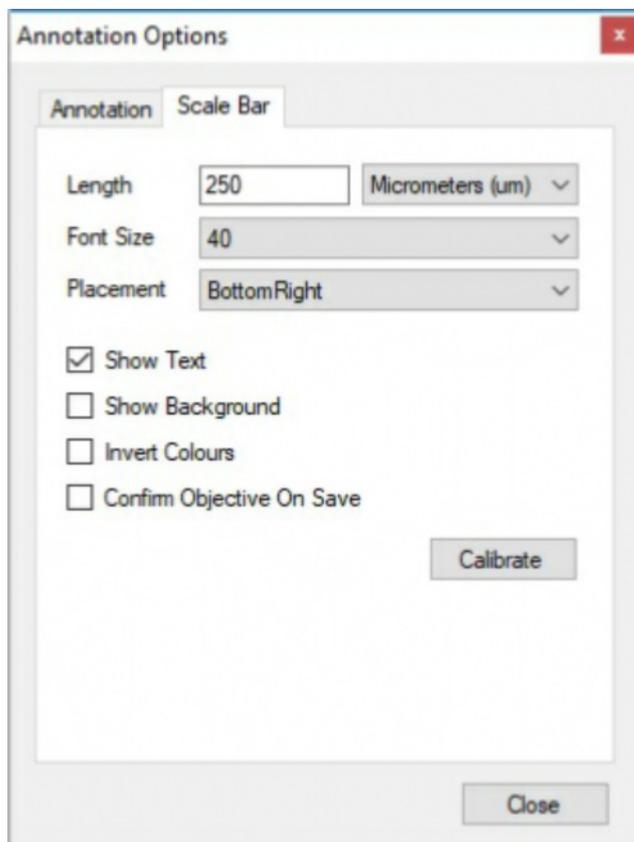


Select line width.

Select text font size.

Add contrast (Boost) and / or Brightness to images when “PAUSE” is pressed. This is a software enhancement of the image created by “clipping” the image histogram.

Scale Bar options: THESE OPTIONS APPLY TO THE CURRENTLY SELECTED OBJECTIVE.



Select:

Scale bar length - this will vary between objectives.

Units - the units are “remembered” and applied to line measurements. I.e. if you have a mm scale bar at 4x and a um scale bar at 10x the default units for line measurements will change depending on your selected objective.

Placement - Manual (click inside the image), Bottom right, bottom left, top right, top left.

Show text - on / off.

Show background - on / off.

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

Confirm Objective On Save - when ticked 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.