

ProtoCOL 2 SBA- Batch set-up Quick Guide

1 Start ProtoCOL 2 software

Enter



➔ Log onto ProtoCOL 2 using the username P2Admin and the password is the ProtoCOL 2 serial number

2 Position plate

➔ Insert the plate holder

➔ Place SBA plate onto plate holder pushing it against the locating pins

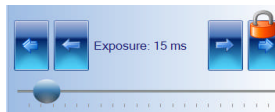
3 Capture image

Click



➔ Select the image tab and check the live box

Slide



➔ Adjust the exposure by increasing/ decreasing the sliding scale

Click



➔ Capture image

4 Create batch

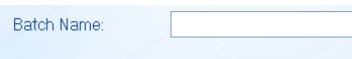
Click



➔ Click Create or Open batch and select Create New Batch

5 Batch name

Enter



➔ Name batch

Select



➔ Select Colony Counting

6 Choose plate type

Select



➔ Select SBA

7 Configure measurement



➔ Defaults are circular plate 90mm
Sample volume 1ml
Change if necessary

➔ Click Create

8 Set frame



➔ Default 3 x 5 grid change if necessary by pressing SBA frame button using the drop down menu, select number of columns and rows

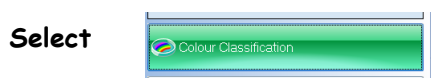
9 Adjust frame



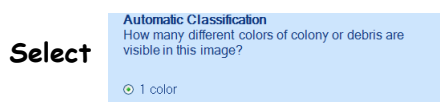
➔ Adjust by dragging the outer edges

➔ To move individual zones check Move Zones box

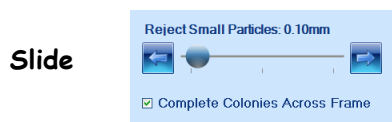
10 Colour Classification



➔ Select Colour Classification tab



➔ Automatic Classification default is 1 colour. If a total count is required keep 1 colour selected. If differentiation by colour is required select how many different colours are present on the plate



➔ Move slider to the left to accept small particles or to right to exclude small particles



➔ If any colonies are touching select the Split function

➔ Click Finish

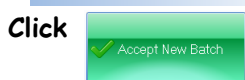
11 Measure



➔ Select the Measure tab



➔ Test Measure Plate



➔ Assign a template name

➔ Accept batch

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