

ProtoCOL 2 Blue/White Screening - Batch set-up Quick Guide

1 Start ProtoCOL 2 software

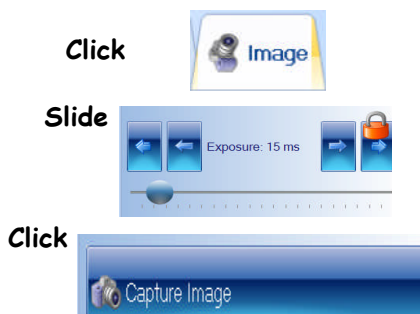


➔ Log on to ProtoCOL 2 using the username P2Admin. The password is the ProtoCOL 2 serial number

2 Position plate

- ➔ Insert the plate holder
- ➔ Place plate onto plate holder pushing it against the locating pins

3 Capture image



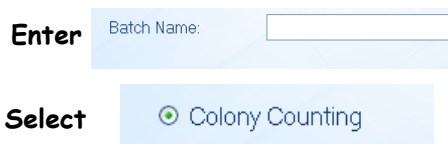
- ➔ Select the image tab and check the live box
- ➔ Adjust the exposure by increasing/ decreasing the sliding scale
- ➔ Capture image

4 Create batch



- ➔ Click Create or Open Batch and select Create New Batch

5 Batch name



- ➔ Enter Batch Name
- ➔ Select Colony Counting
- ➔ Click Next

6 Choose plate type



➔ Select Pour Plate

➔ Click Next

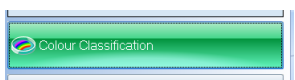
7 Configure measurement



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

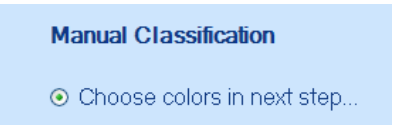
8 Colour classification

Select



➔ Select Colour Classification tab

Select



➔ Select Manual Classification

➔ Click Next

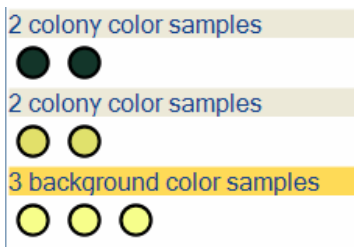
9 Colour samples

Click



➔ Click Add New Colony, the default is set to 1 colony and background

Sample



➔ Sample examples of the blue colonies and the white colonies and a representation of the background colour

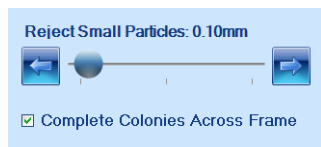
➔ Click Next

10 Classification results

Check Remove Fringes Around Colonies

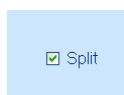
➔ Check the box Remove Fringes Around Colonies to recognise the colony as an entire colour

Slide



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

Check



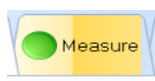
➔ If any colonies are touching select the Split function

➔ Click Next

➔ Click Finish

11 Measure

Select



➔ Select the Measure tab

Click



➔ Test Measure Plate

➔ Assign a plate identification template name

Click



➔ Accept batch

ProtoCOL 2 is now ready to make the first measurement

CONTACT SYNBIOSIS:
EUROE:
Tel: +44 (0)1223 727125
Email: support@synbiosis.com

USA:
Tel: 800 686 4451/301 662 2863
Email: support@synbiosis.com

www.synbiosis.com
P2BWSBSU0411