

ProtoCOL 3

2-Sector Spiral Batch Set Up - Quick Guide

Start ProtoCOL 3 software

1

Enter



Log on to ProtoCOL 3

2

Position plate

Insert the plate holder, ensuring the plate holder that gives the best contrast between the colony and background is used

Place plate onto plate holder

Capture image

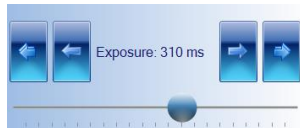
3

Click



Select the image tab and check the live box

Slide



Adjust the exposure by increasing/ decreasing the sliding scale

Click



Capture image

Create batch

4

Click



Click New Batch

Plate configuration

5

Select



Select Plate Configuration to set plate size, sample volume and threshold. Defaults are Circular plate 90mm, Spiral volume 100µl and threshold of 20. Change if necessary

Choose an application

6

Select



Select Spiral Plate

7

Name the batch

Enter

Name the batch

8

Total plate count

Click 

Position the counting frame over the colonies to be counted

Click 

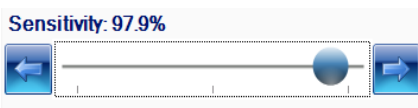
Click Total Plate Count

Select 

Select colony type from the drop-down, either Light or Dark Colonies

9

Classification settings

Slide 
 Check Split Touching Colonies

Move slider to the left to adjust the detection sensitivity

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

If any colonies are touching select the Split function

10

Enter a plate ID

Enter

Enter a plate ID found on Measure tab. Auto-increment default is "on", to change this click on the Configuration tab

Click 

11

Accept batch

Click 

Accept batch

ProtoCOL 3 is now ready to make the first measurement

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