

Protos 3 - 2 Sector Spiral - Batch set-up Quick Guide

1 Start Protos 3 software

Click



➔ Run Protos 3

2 Position plate

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

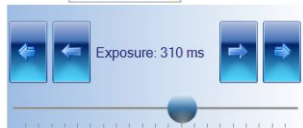
➔ Place plate onto plate holder

3 Capture image

Click



➔ Select the image tab and check the live box



➔ Adjust the exposure by increasing/ decreasing the sliding scale

Slide

Click



➔ Capture image

4 Create batch

Click



➔ Click New Batch

5 Plate configuration

Select



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

6 Choose an application

Select



➔ Select Spiral

7 Name the batch

Enter **Designing Batch:**

➔ Name the batch

8 Total plate count

Click 



➔ Position the counting frame over the colonies to be counted

Click 
Select 


➔ Click Total Plate Count

➔ Select colony type from the dropdown, either Light or Dark Colonies

9 Classification settings

Slide 
Sensitivity: 97.9%
Slide 
Reject Small Particles: 0.42mm
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. Autoincrement default is "on", to change this click on the Configuration tab

Click 

11 Accept batch

Click 

➔ Accept batch

Protos 3 is now ready to make the first measurement

CONTACT SYNBIOSIS:
EUROPE:
Email: support@synbiosis.com
www.synbiosis.com
Protos3255QG