

Quick Guide

Auto *lite*

2 Sector Spiral Batch set-up

ECN: 710-2072

1

Run Auto *lite* software

2

Position plate

- ➔ Insert the plate onto the plate holder. Press lighting button on the front of the Auto *lite* to obtain an image which gives the best contrast between the colonies and background being used

3

Capture image

Click



Slide



Click



- ➔ Select the image tab and check the live box
- ➔ Adjust the exposure by increasing/ decreasing the sliding scale
- ➔ 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 100µl and threshold of 20. Change if necessary.

6

Choose an application

Select



- ➔ Select Spiral Plate

7

Name the batch

➔ Name the batch

Enter

8

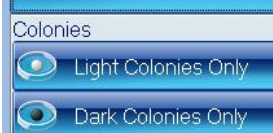
Total plate count

➔ Position the counting frame over the colonies to be counted

Click 

Click 

➔ Click Total Plate Count

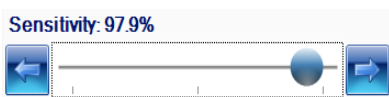
Select 

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

9

Classification settings

➔ Move slider to the left to adjust the detection sensitivity

Slide 
Sensitivity: 97.9%
Reject Small Particles: 0.42mm

Check ☐ Split Touching Colonies

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

Enter

Click 

11

Accept batch

➔ Accept batch

Click 

Auto *lite* is now ready to make the first measurement