

# aCOLyte 3 HD

## 2 Sector Spiral Batch set-up - Quick Guide

1 **Start aCOLyte 3 HD software** → Log onto aCOLyte 3 HD

2 **Position plate**

→ Insert the plate onto the plate holder. Press lighting button on the front of the aCOLyte 3 HD to obtain an image which gives the best contrast between the colonies and background being used

### Capture image

Click



→ Select the image tab and check the live box

3

Slide



→ Adjust the exposure by increasing/decreasing the sliding scale

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 100µl and threshold of 20. Change if necessary

6

### Choose an application

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 

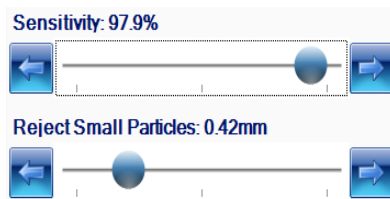
➔ Click Total Plate Count

Select 

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

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### 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 

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### Accept batch

Click 

➔ Accept batch

**aCOLyte 3 HD is now ready to make the first measurement**

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