

aCOLyte 3 HD

Total Plate Count Batch set-up - Quick Guide

1 Run aCOLyte 3 HD software

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

3

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 

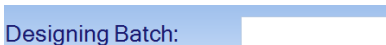
➔ Select Plate Configuration to set plate size and sample volume. Defaults are circular plate, 90mm, sample volume 1ml. Change if necessary

6 Choose an application

Select 

➔ Select Pour Plate

7 Name the batch

Enter 

➔ Name the batch

Total plate count

8

Click



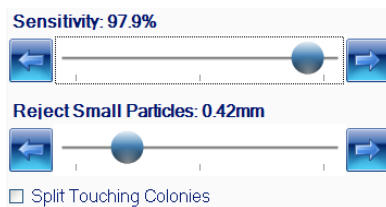
Select

- ➔ Position counting frame over the colonies to be counted
- ➔ Click Total Plate Count
- ➔ Select colony type from the dropdown, either Light or Dark Colonies. If using the diffuse plate holder the colonies will appear

Classification settings

9

Slide



Check

- ➔ 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

Enter a plate ID

10

Enter



Click



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

Accept batch

11

Click



- ➔ Accept batch

aCOLyte 3 HD is now ready to make the first measurement

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