

# Protos 3 Total Plate Count – 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 zone and background is used

➔ Place plate onto plate holder

## 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 and sample volume. Default are circular plate, 90mm, sample volume 1mL. Change if necessary

## 6 Choose an application

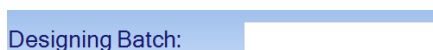
Select



➔ Select Pour Plate

## 7 Name the batch

Enter



➔ Name the batch

## 8 Total plate count

Click



Select

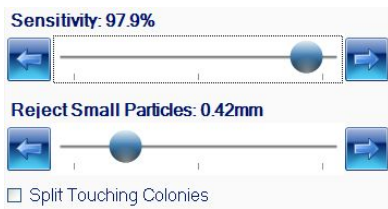
➔ Position counting frame over the colonies to be counted

➔ Click Total Plate Count

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

## 9 Classification settings

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

## 10 Enter a plate ID

Enter



Click



➔ Enter a plate ID found on Measure tab. Autoincrement default is "on", to change this click on the Configuration tab

## 11 Accept batch

Click



➔ Accept batch

**Protos 3 is now ready to make the first measurement**

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