

ProtoCOL 2 OPKA - Batch set-up Quick Guide

1 Start ProtoCOL 2 software

Enter



➔ Log onto ProtoCOL 2 using the username P2Admin. The password is the ProtoCOL 2 serial number

2 Position plate

➔ Insert the plate holder

➔ Place OPKA plate onto plate holder pushing it against the locating pins

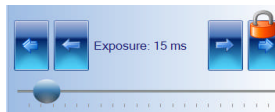
3 Capture image

Click



➔ Select the image tab and check the live box

Slide



➔ Adjust the exposure by increasing/ decreasing the sliding scale

Click



➔ Capture image

4 Create batch

Click



➔ Click Create or Open batch and select Create New Batch

5 Batch name

Enter



➔ Enter batch name

Select



➔ Select colony counting

6 Choose plate type

➔ Select OPKA



7 Configure measurement



- ➔ Defaults are Circular plate 90mm
Sample volume 1mL
Change if necessary
- ➔ Click create

8 Set frame



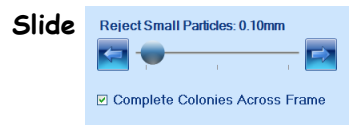
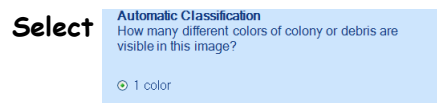
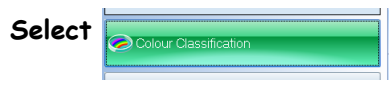
- ➔ Default 3 x 5 grid. Change if necessary by pressing OPKA frame button using the drop down menu. Select number of columns and rows

9 Adjust frame



- ➔ Adjust by dragging the outer edges
- ➔ To move individual zones check Move Zones box

10 Colour Classification



- ➔ Select Colour classification tab
- ➔ Automatic Classification default 1 colour
- ➔ Move slider to the left to accept small particles or to right to exclude small particles
- ➔ If any colonies are touching select the split function
- ➔ Click finish

11 Measure



- ➔ Select the Measure tab
- ➔ Test measure plate
- ➔ Assign a template name
- ➔ Accept batch

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