

A DIVISION OF THE SYNOPTICS GROUP

ProtoCOL 3 Colour Classification Batch Set Up - Quick Guide

	Start ProtoCOL 3 software						
1	Enter	Precise one hendOL Please log on to ProtoCOL3 Usemane Passend Ot Com	→	Log on to ProtoCOL 3			
2	Positic	on plate	→ →	Insert the plate holder, ensuring the plate holder that gives the best contrast between the colony and background is used Place plate onto plate holder			
	Capture image						
3	Click		-	Select the image tab and check the live box			
	Slide	Exposure: 310 ms	→	Adjust the exposure by increasing/ decreasing the sliding scale			
	Click	n Capture Image	-	Capture image			
4	Create batch						
	Click	New Batch		Click New Batch			
5	Plate configuration			Select Plate Configuration to set			
	Select	Plate Configuration		threshold. Defaults are Circular plate 90mm, Sample volume 1ml. Change if necessary			
	Choose an application						
6	Select	Pour Plate		Select Pour Plate			

	Colour classification						
7	Select	Colour Classification	-	Select Colour Classification tab			
	Select	Automatic Classification How many different colors of colony or debris are visible in this image?		Automatic Classification default is 1 colour. If a total count is required keep 1 colour selected. If differentiation by colour is required, select how many different colours are present on the plate			
8	Classification results		→	Move slider to the left to accept			
	Slide	Reject Small Particles: 0.10mm		small particles			
			-	If any colonies are touching select the split function			
	Check		-	To distinguish between two colours there may be a requirement to check Remove Fringes Around Colonies to make the colony appear as a solid colour			
	Check		-	Click Next			
			-	Click Finish			
Measure							
9	Select	Measure	-	Select the Measure tab			
	Click	Test Measure Plate	-	Test measure plate			
			-	Assign a plate identification template name			
	Click	Accept New Batch		Accept batch			
	Enter	Designing Batch:	-	Name the batch			
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ProtoCOL 3 is now ready to make the first measurement

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