aCOLyte
Colony Counter
Quick Start Guide

Starting aCOLyte

1. Install the software from the CD ROM.
2. Install the hardware by plugging in the USB cable from the camera and the USB dongle that contains the licence.

3. With the software open, check the camera alignment by switching the bottom lighting on using the button on the front of the aCOLyte and toggling through to select bottom lighting only. The image should show the white diffuser plate sitting centrally in a black outline. If this is not the case, carefully turn the aCOLyte upside down and adjust the screws in the camera mounting plate.

Data storage in aCOLyte

Data is stored in **BATCHES** and although you can count colonies without creating a new batch, the results would not be saved.

Creating a new batch

4. Click on the create new batch button.

5. Complete all the information in the text box and choose either pour plate or spiral plate from the drop down menu.

NOTE: some features that are available for SuperCount systems may be disabled for Click'n'Count systems.

6. When the text box is complete click the create new batch of results button.

7. Place the first plate under the camera and adjust the sensitivity and exposure sliders to give the clearest image.
8. Click either the Click'n' Count button or the SuperCount button.
9. If you choose to Click'n'Count you can now begin manual counting by placing the mouse pointer over the colonies and clicking the left button. Colonies that have been counted are highlighted.
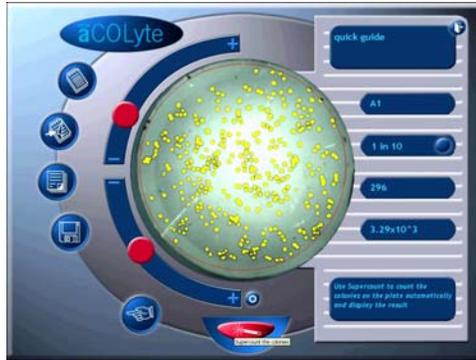
10. If you chose SuperCount, the plate will be counted automatically and the counted colonies will be highlighted.

11. Sample information is shown on the right hand side of the screen. The first plate is given the default ID of A1. This can be manually altered.