

Synbiosis AutoCOL Fully Automated Colony Counting System Continued



- Integrated plate detection sensor allows you to load as many as 100 plates or as few as required
- Interactive lighting configuration allows you to see clearly defined pass and fail stacks
- Intuitive touch screen software
- Easy to set up and use for a wide range of microbiology applications
- Imaging technology automatically separates touching colonies
- Accurate plate images to detect and count the colonies
- User access level restrictions, audit logs, log in/out activity to secure access to raw and processed data with complete audit trail
- Compatible with 1D barcode readers
- Export images or numerical results automatically from an AutoCOL into a range of formats (XLS, PDF, CSV) or to your LIMS
- Free software upgrades and no annual licence fee, cost effective future proofing of your system

Code	Alt Ref	Colony Resolution, μm	Max Plate Size, mm	Dims, w x l x h, mm	Price
COU2020	AUTOCOL	50	90	650 x 650 x 550	£105000.00



Synbiosis aCOLyte 3 HD Automatic Colony Counter



The aCOLyte 3 HD features new simple to use software that greatly improves efficiency, reliability and productivity over previous models. The new aCOLyte 3 HD software uses a powerful new algorithm for colony counting on pour and spiral plates which until now were only found on the advanced ProtoCOL 3 models.

- Plates are automatically counted with results directly transferred to Excel or Open office
- Accepts plates up to 90mm diameter
- Lighting is provided by LEDs mounted above and below the sample area for both transmitted and epi illumination
- A detachable screen can be used to eliminate strong ambient light if required
- Can be used with any conforming laptop or desktop PC and connects simply by using a USB port
- Typically plates can be counted accurately in under 1 second
- Displays the image on your computer screen with counted colonies clearly marked, the zoom function allows the user to closely view plates, confirming accurate counting
- CCD colour camera can be adjusted to increase the sensitivity of the detection, enabling colonies as small as 0.1mm to be imaged and counted

Code	Alt Ref	Connections	Illumination	Price
COU5016	ACOL3HD	USB	Long life upper and lower LED arrays with darkfield and brightfield	£2968.00



Corning® Automatic Cell Counter



Corning® Cell Counter can perform a single cell count in less than three seconds. With traditional systems, the image analysis algorithms must be processed on a relatively small on board computer. It can utilise the CytoSMART™ cloud app to process the images in the Microsoft Azure Cloud Computing Platform. This cloud computing ability means that it can analyse the images faster than any existing on board processor can. The cell counter uses a sophisticated Deep Neural Network for cell detection.