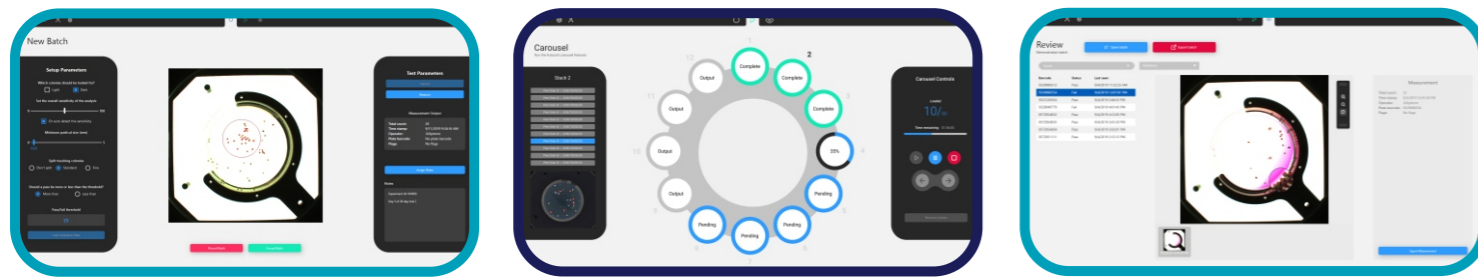


System Specifications

Design	Benchtop system with light-tight cabinet and USB connection	Integrated barcode reader as standard	Yes
		Colony resolution	50µm
Plate feeder	Internal 12-position feeder with automated carousel-counts 100 plates	Maximum plate size	90mm
		W x H x D (cm)	65 x 65 x 55
Colony counter	Integrated, sensitive 5 megapixel camera with high definition lens and unique red, green and blue lighting	Weight (kg)	58
		Power input (v)	100-240



A DIVISION OF THE SYNOPTICS GROUP

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AutoCOL

FULLY AUTOMATED COLONY COUNTING SYSTEM



A DIVISION OF THE SYNOPTICS GROUP

WALK-AWAY, ACCURATE, TRACEABLE COLONY COUNTS EVERY TIME

Walk-away design

Featuring an integrated plate feeder, colony counter and software based on Synbiosis' tried and trusted ProtoCOL technology, an AutoCOL can automatically remove your plate lids and count colonies on up to one hundred, 90 mm plates in under an hour.

Simple software

With intuitive touch-screen software you connect to AutoCOL via USB, you can easily set up automatic plate reads and optimise batch design for each plate type. You can set user access levels and even set up pass/fail limits enabling your AutoCOL to track and stack all pass/fail plates in specific places in the plate feeder.

Accurate counts

Combining unique three colour lighting and a sensitive camera, with an AutoCOL you'll capture full colour images of all microbial colony types, to generate precise, reproducible counts.

Fully traceable

Compatible with 1D barcode readers, you can export images or numerical results automatically from an AutoCOL into a range of formats (XLS, PDF, CSV) or to your LIMS. This ensures your data is secure and has a complete audit trail, making it fully 21 CFR Part 11 compliant.

Flexible applications

AutoCOL is perfect for high-throughput colony counting and is being trialed in highly regulated pharmaceutical and contract research microbiology laboratories for a wide range of microbial colony counting applications including:

- Microbial environmental monitoring
- Microbial limits testing
- Efficacy testing



FEATURES AND BENEFITS



Integrated automated plate feeder, colony counter and software

Fast walk-away plate reading (up to 100 plates in under an hour)



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 with pass/fail facility

Easy to set up and use for a wide range of microbiology applications



Imaging technology separates touching colonies automatically

Accurate plate images to detect and count the colonies you're looking for



User access level restrictions, audit logs, log in/out activity

Secure access to raw and processed data with complete audit trail



Automatically exports data to XLS, PDF, CSV or your LIMS

Rapid creation of reports for regulatory audit



Free software upgrades and no annual licence fee

Cost-effective future-proofing of your system