

TWO STEPS FOR FAST, ACCURATE PLATE READING



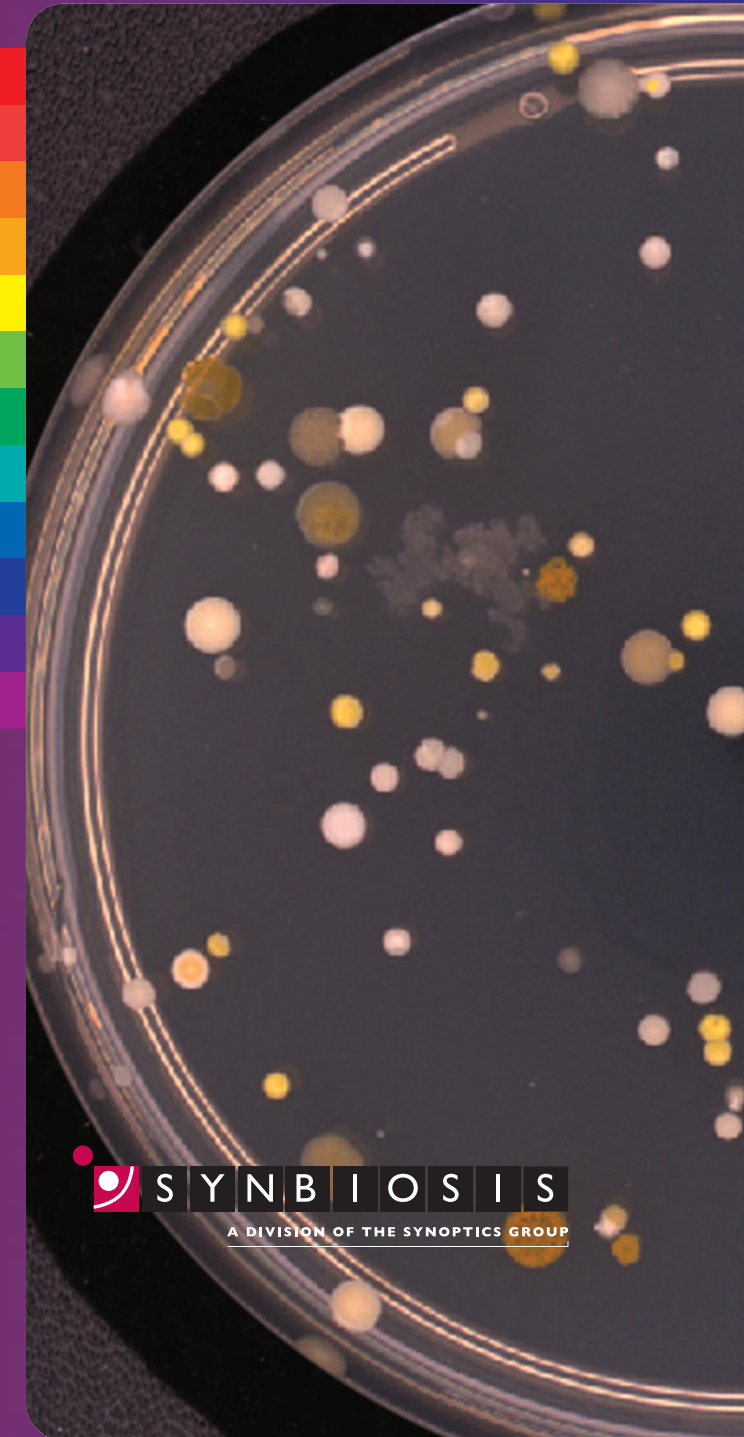
CLASSIFICATION ProtoCOL 2 Batch creation

- Differentiate between colour, size and shape
- Upper and lower count limits can be set i.e. <10 cfu or >300 cfu
- Selection of a counting area i.e. whole plate or half plate
- Separation of touching colonies
- Exclusion of unwanted items such as moulds or bubbles

MEASURE Count using ProtoCOL 2

- Automated count in seconds
- Detection of organisms as small as 43µm
- Average multiple plate counts
- Counts and images stored automatically
- Manually add or delete colonies with an audit trail to comply with GMP/GLP
- Results can be directly transferred to a LIMS system, Excel or entered into one of ProtoCOL 2's customisable reports

ENVIRONMENTAL MONITORING - SETTLE PLATES



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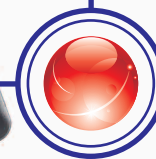
COLONY MARKERS



ACCURATE TOTAL COUNT



REPORTING



SEPARATION OF TOUCHING COLONIES



ProtoCOL 2 with its easy to use software, built in MS SQL server database and touch screen interface makes the counting of pour plates fast, secure and accurate

ENVIRONMENTAL MONITORING-SETTLE PLATES



- Environmental monitoring describes the processes and activities that need to take place to characterise and monitor the quality of the environment
- Monitoring of microbiological contamination remains essential in aseptic operations to provide ongoing information on the maintenance of a stable and suitable environment
- Varying methods of environmental monitoring exist such as Active Air Sampling, Settle Plates, Swabs and Contact Plates