

TWO STEPS FOR FAST, ACCURATE PLATE READING



CLASSIFICATION ProtoCOL 3 Batch creation

- Differentiate between colour, size and shape
- Addition of dilution series
- Choice of volume settings, counting thresholds and frame adjustments
- Separation of touching colonies
- Movable sector frame to avoid artefacts

MEASURE Count using ProtoCOL 3

- 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 3's customisable reports



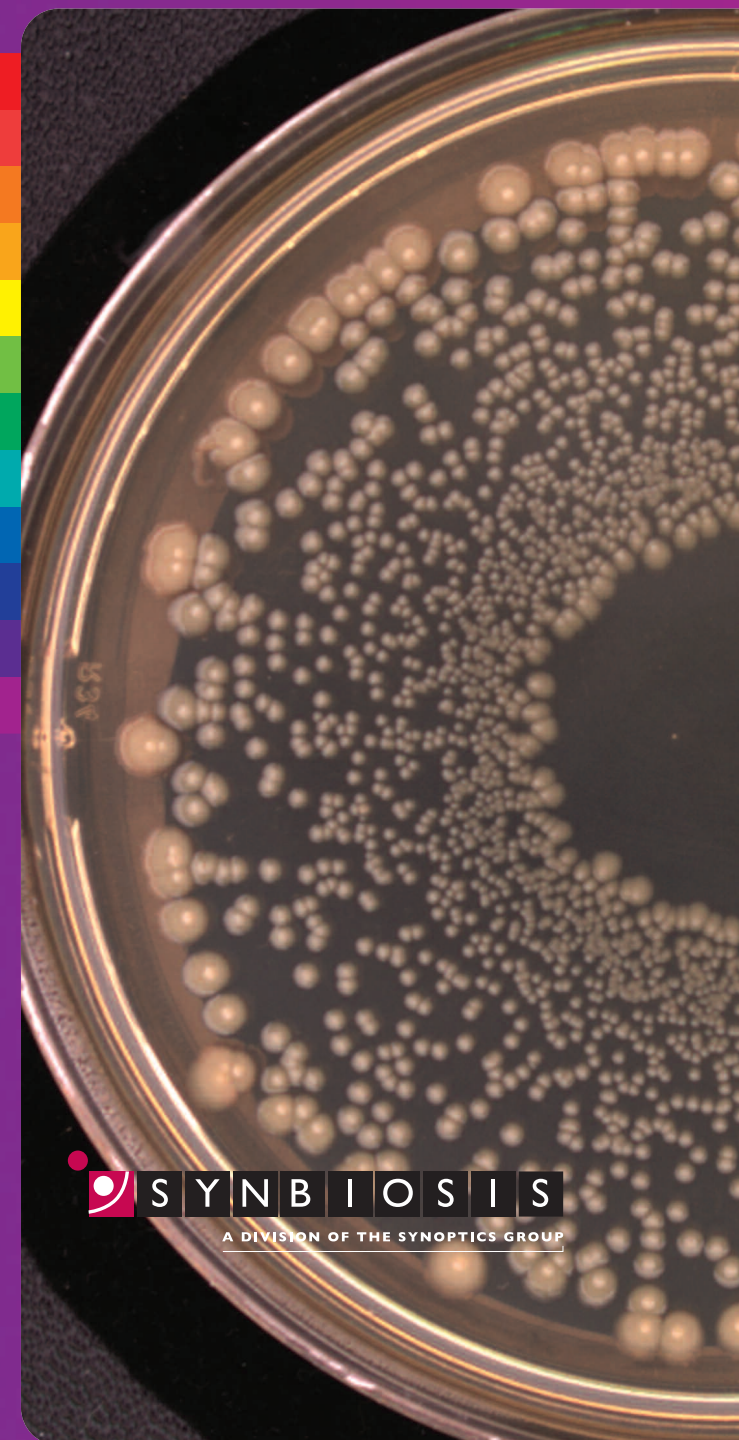
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SPIRAL PLATES



SPIRAL PLATES



- A spiral plater is an apparatus for the quantitative estimations of viable microorganisms present in samples
- Spiral platers are extensively used in food safety testing as well as the pharmaceutical industry
- A logarithmically decreasing volume of sample is spiraled on the surface of a rotating petri dish
- Bacterial concentration is determined by dividing the number of colonies found by the volume dispensed in the same sector of the dish

ACCURATE
SECTOR COUNT

TOTAL COUNT
PER ML

ProtoCOL 3 with its easy to use software, built in MS SQL server database and touch screen interface makes the counting of spiral plates fast, secure and accurate

COLONY
MARKERS

MOVEABLE
COUNTING
FRAME

