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excellence in microbiology

Rapid Microbiological Methods ASpecT



A new ASpecT to working in the modern microbiology laboratory.

ASpecT is a new, fully-automated inoculating and streaking device that rapidly and efficiently manages the processing of liquid phase samples. The ASpecT provides a new way of working in today's modern microbiology laboratories where more samples need to be processed, with perhaps limited staff resources, and with shortening deadlines. This robotic device has been designed to process bacteriology swabs and urines in true walk-away fashion.

The ASpecT de-caps, inoculates, streaks and labels the plate, then re-caps the container without operator intervention.

ASpecT fully integrates with your LIMS system or can operate as a stand-alone processor.

One machine to handle all your swabs:

- 180 urines per hour (using bi-plates)
- 180 throat or nasal swabs per hour
- 45 wound swabs per hour (eg. 4 plates with 4 quadrant streak)

With nine plate silos you can load up to nine different culture plates.

Revolutionary liquid sample processing for microbiology

De-caps, inoculates, streaks, labels and re-caps in seconds

One instrument processes all swab samples and urines

Flexibility to manage a diverse range of specimen types and sample containers

Manages tedious and repetitive work freeing valuable staff resources

Standardised streaking for greater accuracy

Universal bar code reading system drives the whole process

User-friendly touch screen control





Liquid Based Microbiology

What makes all this possible is the new e-Swab from Sterilin. The e-Swab automatically and spontaneously elutes the entire swab sample into liquid phase so processing throat, nasal and wound swabs is as easy as urine samples. There is no need to physically roll swabs on culture plates. You can choose from a variety of programmed standard streak patterns or even create your own.

For more information on the e-Swab email info@sterilin.co.uk.



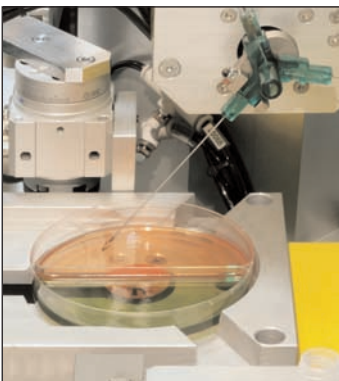
Process any kind of specimen container

Swabs - e-Swab multipurpose aerobic and anaerobic swab transport.

Urines - BD Vacutainer and Greiner Vacuette or any type of screw cap urine container.

Faeces - Meridian, Fisher Protocol or any style of Cary-Blair faecal transport screw cap.

UriSwab & Faecal Swab - Unique Copan transport systems for urine and faeces utilising one universal platform.



Inoculating Loops

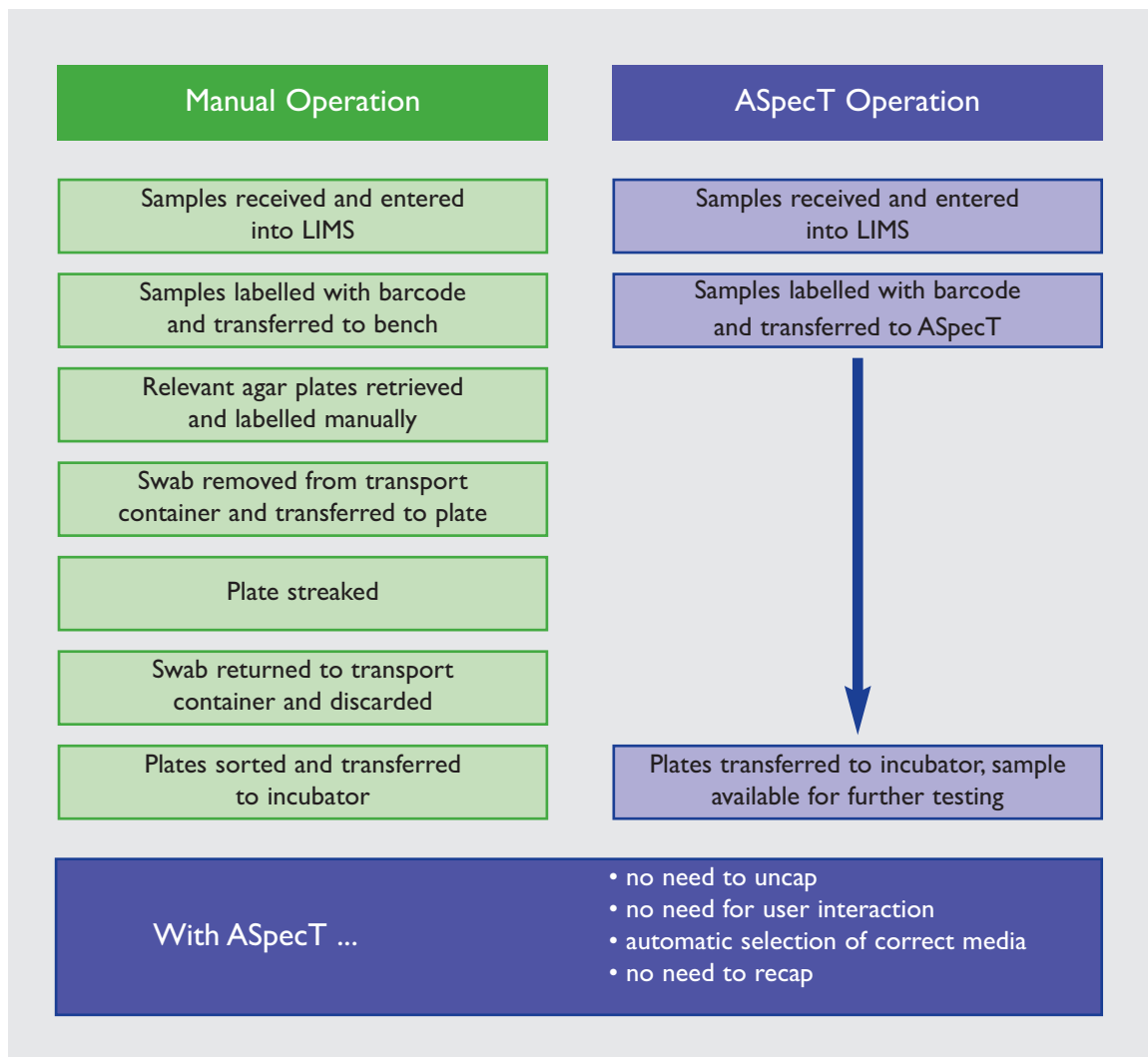
The ASpecT uses a unique "Triquetra" loop to inoculate plates. This three loop system enables maximum speed for plate streaking and eliminates any cooling delay between sterilisation. This loop system can perform approximately 45,000 streakings before it needs to be changed and is the only consumable you will need to source from us.

Benefits of the ASpecT

With this technology in your laboratory for the tedious, repetitive work, your qualified staff can get on with performing more specialised, productive tasks. It also frees up bench space, giving everyone more room to work, and ASpecT can work 24 hours a day if needed.

Standardisation of streaking is an important advantage with pre-programmed patterns available in the library or the option to create your own patterns. This system even enables two samples to be streaked onto one plate.

Another benefit of the ASpecT is that it can reduce the necessity to recall patients for repeat tests. Because of the liquid nature of the sample, there will be plenty of inoculum left for repeat tests and PCRs.



Technical Specifications

Speed of operation

180 urines per hour (using Bi-Plates)
180 throat swabs or nasal swabs per hour
45 wound swabs per hour (eg, 4 plates with 4 quadrant streak)

Capacity

A 324 plate carousel is available as an option to allow you to process 324 urine specimen bi-plates in one run.
Nine random access plate silos provide the flexibility to manage up to nine different types of culture media.

Options

V00911 Plate Sorter for Incubation Conditions
V00912 Hepa Filter unit
V00913 Racks
V00914 Large Screw-cap Container Opening Kit
V00915 De-capping Cup
V00916 Docking Station
V00917 Ski-chute

Consumables

V00918 Tri Loop Inoculation Tool 1 μ l
V00919 Tri Loop Inoculation Tool 10 μ l
V00920 Tri Loop Inoculation Tool 30 μ l

Specification

Order Codes:
V00900 ASpecT Specimen Processor

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