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## 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, inoculate and streak bacteriology swabs and urines in true walk-away fashion.

The machine 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.

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](mailto:info@sterilin.co.uk).

**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**

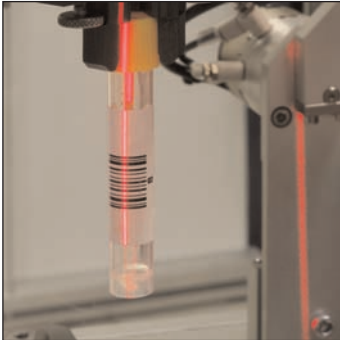
**Universal bar code reading system drives the whole process**

**User-friendly touch screen control**



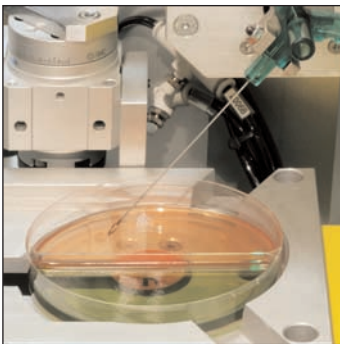
[www.dwscientific.co.uk](http://www.dwscientific.co.uk)

## Benefits of the ASpecT



With this technology in your laboratory for the tedious, repetitive work, your MLAs 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.



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.

## Inoculating loops

The ASpecT uses three metal loops to inoculate the plates. This trio set-up enables maximum speed for plate streaking and eliminates any cooling delay between sterilisation. This loop system is the ONLY consumable required for the ASpecT but it can perform approximately 45,000 streakings before it needs to be changed.

### 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.

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