

## FACT SHEET

### Rapid Automated Bacterial Impedance Technique (RABIT 3)

Direct and indirect impedance measurement system for the rapid detection of bacteria, yeasts and moulds.



#### Features and Benefits

- Use the direct technique to measure the changes of metabolising micro-organisms as they increase electrical conductance of the culture media in the system – detects growth at the beginning of the growth phase, not at the end as with traditional methods.
- Use the indirect technique to monitor the amount of carbon dioxide produced by growing organisms. This technique is particularly suitable for detecting organisms that do not produce highly charged metabolites.
- Uses Windows™-based software for easy sample entry and analysis of results. You can also export your data for use in other spreadsheet/ database programmes.
- Low consumable costs as the test cells are durable and re-usable.
- RABIT 3 is a modular system that can build with your requirements: from a single 32-channel incubator module up to 16 incubators (providing 512 channels).
- Ideal for quality assurance on raw materials and finished products, water testing, challenge testing, product performance, antibacterial studies, TVC, coliforms, enterobacteriaceae, *Salmonella* sp, anaerobes, gram negatives, spore formers and yeasts/moulds.
- Optional fully comprehensive maintenance and breakdown cover to prolong the life of your investment.
- DWS provides you with scientific support from our fully operational microbiology laboratory.

#### Facts and Figures

**Weight:** 35.2kg (one incubator module)

**Dimensions:** 600 x 400 x 400mm (D x L x H) (one incubator module)

**Electricity Requirements:** 230 ±10% V AC - single phase