

# COMPLETE SOLUTIONS. COMPLETE CONFIDENCE.

Find the solutions you need for each step of your microbiological food safety testing workflow.

## MEDIA PREPARATION & SAMPLE ENRICHMENT

Maximize efficiency & reduce your QC burden with a choice of dehydrated or ready-to-use media & automated enrichment solutions.

### Prepared Media

Available as prepared bottles, tubes & bags in volumes to suit your workflow



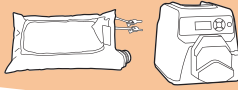
### Dehydrated Culture Media

Available in a choice of pack sizes to suit your needs



### Dry-Bags™ Enrichment Media

Reduce time & labor when preparing media in-house



### Media Dispensing & Sample Blending

Fast, accurate dispensing of media with Diluflux™ Automated Gravimetric Dilutor

Powerful, reliable blending of samples with Homogenizer Laboratory Blender



## SAMPLE PREPARATION & DETECTION

Analyze even the most challenging samples with proven solutions fit for any & all food testing workflow preferences.

### For Reliable, Cost-effective Pathogen & Routine Organism Testing Use:



#### Culture Media

Quality assured, FDA & ISO compliant in dehydrated or prepared formats

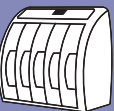
#### CAN BE USED WITH



#### Dynabeads™ & BeadRetriever™ System

Best suited for testing beef & other products for *E.coli* O157:H7 & other STEC

#### OR WITH



#### Pathatrix™ Auto System

Best for testing challenging samples with low positivity rates

### For Rapid, Quantifiable Pathogen Testing Of Complex Matrices Use:



#### MicroSEQ™ Pathogen Detection System

Batch process up to 96 samples

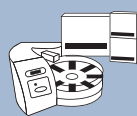
#### WITH



#### PrepSEQ™ Rapid Spin Sample Preparation Kit

Ideal for <50 samples per day

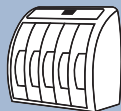
#### OR WITH



#### PrepSEQ™ Nucleic Acid Extraction Kit & MagMAX™ Express-96 Processor

Maximize throughput, ideal for >50 samples per day

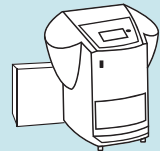
#### OR WITH



#### Pathatrix Auto System

Reduce false positives & indeterminate results when testing challenging samples with low positivity rates

### For Quick, Simple Pathogen Testing Use:



#### SureTect™ Real-Time System

Small footprint, low noise instrument with simple, rapid direct lysis sample preparation process. Fit for continuous processing of 1-120 samples.

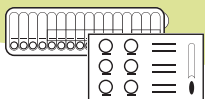
TaqMan™ custom assays, CeeramTools™ virus kits, Imegen™ meat speciation & GMO tests can be run on the same open platform, Applied Biosystems™ 7500 Fast Real-Time PCR instrument

## CONFIRMATION & IDENTIFICATION

Differentiate and confirm micro-organisms with a range of products using biochemical, immunological or molecular characteristics.

### Biochemical Identification

A range of options including O.B.I.S.™ Identification System, RapID™ Systems & MicroBact™ range or individual biochemical reagents



### Immunological Identification

Latex tests and agglutinating sera for clearing or confirming presumptive positives with identification possible to genus, species or serotype level



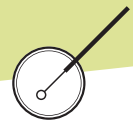
### Molecular Identification

TaqMan and RapidFinder™ Real-Time PCR assays for identification beyond genus and species level, e.g. specific *Salmonella* serovars and STEC O-groups



### Quality Control Organisms

For ensuring consistency in media preparation & in test performance



For a more complete workflow, visit [thermoscientific.com/foodmicrosolutions](http://thermoscientific.com/foodmicrosolutions)

© 2015 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc. and its subsidiaries, unless otherwise specified. Taqman is a registered trademark of Roche Molecular Systems Inc., used under permission and license.

#### Contact Information:

microbiology@thermofisher.com

USA +1 800 255 6730

International +44 (0) 1256 841144

993-048

LT2200A

October 2015