

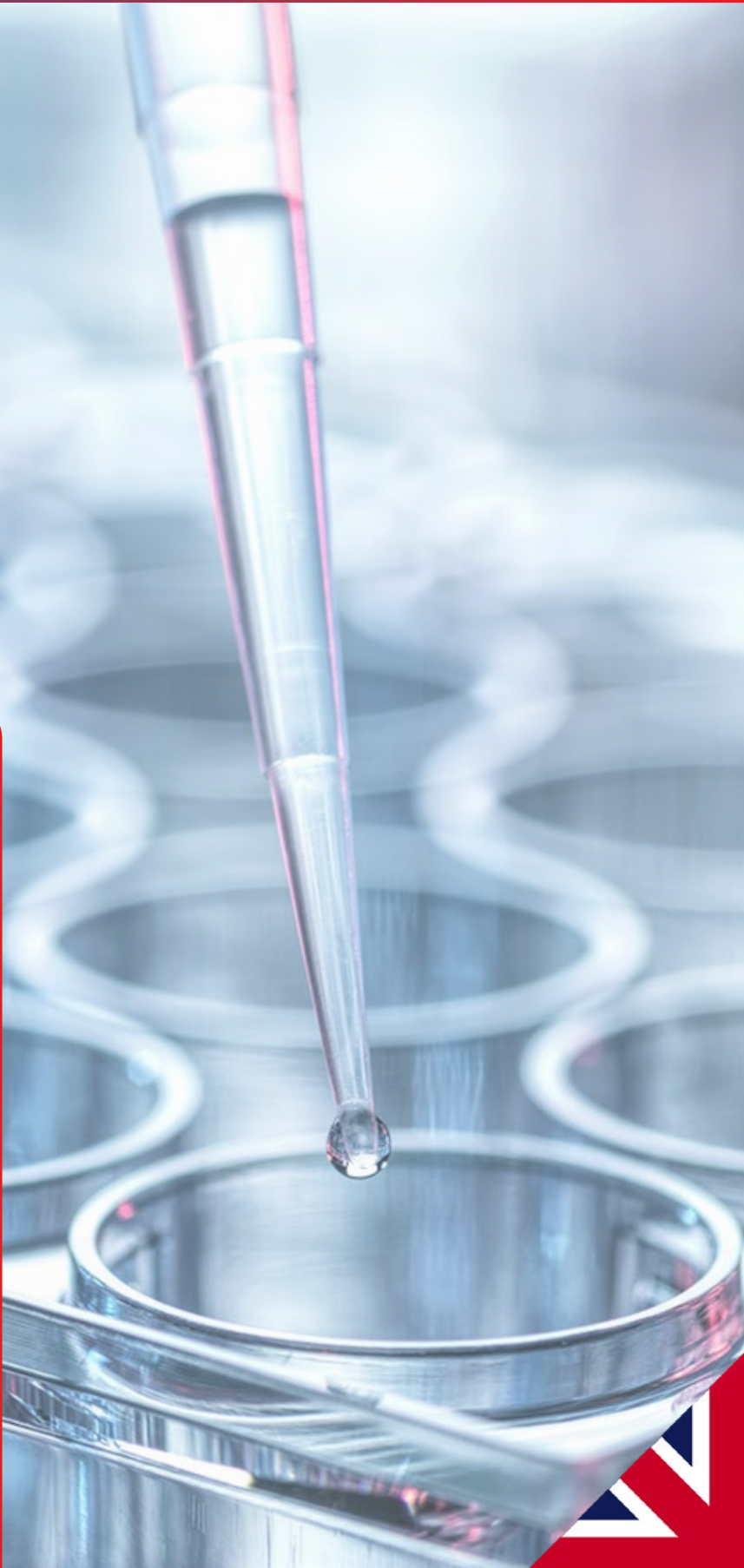


COOLED INCUBATION



**Reliability  
& accuracy  
since 1979.**

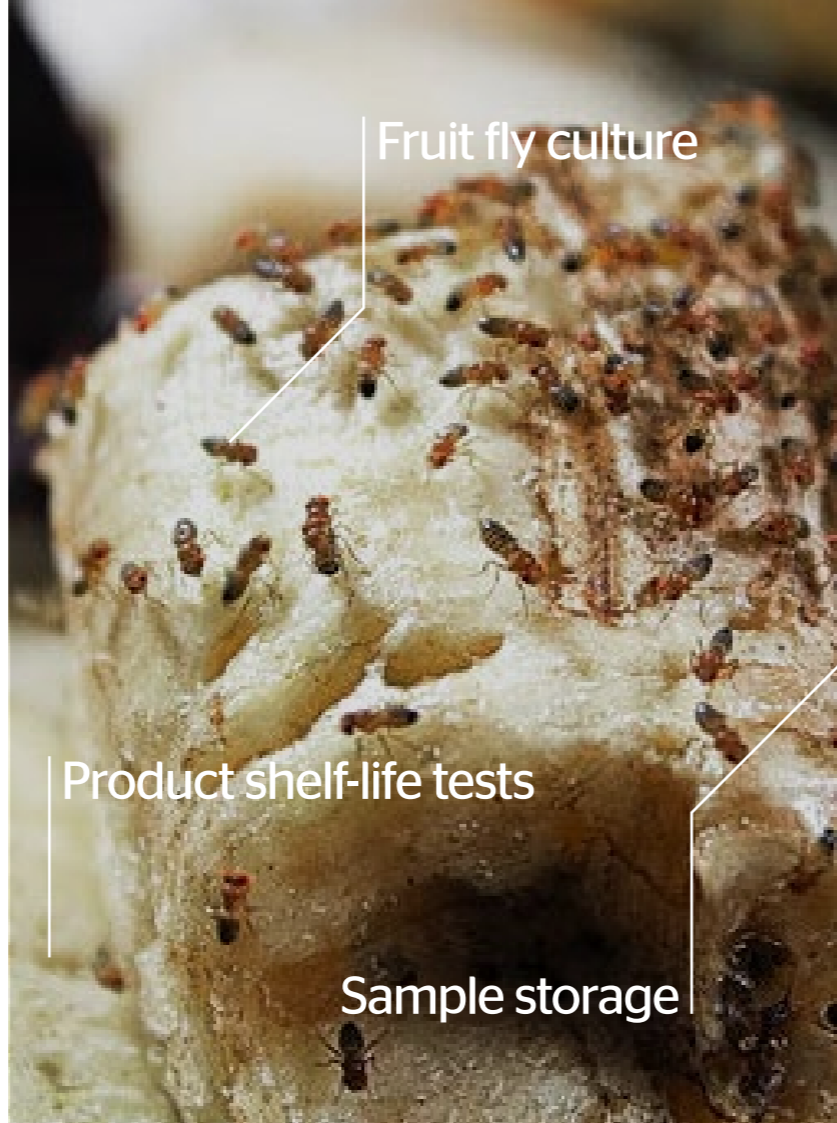
[lms.ltd.uk](http://lms.ltd.uk)





Tissue culture

Immunology



Fruit fly culture

Product shelf-life tests

Sample storage

## About us

LMS has been producing scientific incubation products since 1979. Now renowned for their quality and longevity, our cooled incubators are used all over the world for a range of bio-scientific needs - from tissue and fruit fly cultures, to enzyme testing and seed storage. All equipment is manufactured in our own UK factory, which gives us the flexibility to accommodate a range of specification requirements.

Our wide range of LMS models are available in various sizes, materials and capabilities, with each one giving you accurate and reliable temperature control for incubation. Our bespoke service allows you to tailor every product to your specific needs, offering unrivalled flexibility to suit the requirements of any laboratory.



B.O.D. tests

Enzyme testing

Serum studies



Growth pattern studies

Seed germination and vernalisation

# Reliable and accurate temperature control

Our cooled incubators offer optimum temperature control from -10°C to +50°C with an average variation of  $\pm 0.5^\circ\text{C}$  and fluctuation of  $0.1^\circ\text{C}$ .

## As standard:

### Flexible temperature control parameters

Parameters set to your specification if needed

### Door lock

Preventing unauthorised access

### Fan assisted air circulation

Keeping temperatures consistent

### Choice of interiors and exteriors

Plastic for ease of clean, Aluminium or white coated to reflect light

### Hermetically sealed refrigeration system

Air-tight to avoid controlled temperature loss

### Wire shelves

For optimum airflow

### Defrost

Automatic, with a manual override option built in

### Self-evaporating condensate drip-tray

Eliminating the pooling of moisture

### RJ 45 interface for remote access (wired)

User friendly control enables performance visibility and parameter changes

### Full P.I.D. heating/cooling control

Optimising power usage when needed

### Pre-set 70°C safety cutout

Safeguarding from over heating

### Electronics RF and TV suppressed

Voltage surge protection



## Built to your requirements

### Your optional extras:

#### Programmable controller

Allows control over temperature and lighting

#### Dual temperature control

For day - night environments

#### Double glazed door

For visibility whilst avoiding door open events\*  
\*Selected models only, glass door temperature range  $0^\circ\text{C}$  to  $40^\circ\text{C}$

#### Inner perspex door

Reduces temperature loss whilst viewing contents

#### Extra shelves

For increased storage

#### Fully programmable interior illumination

To simulate your required environment

#### Independent 24 hour / 7 day timer

For complete control

#### High / Low A/V alarm

Warning alarms to safeguard your contents

#### Fruit fly modification

Prevents corrosion caused by fruit fly

#### Access porthole

For additional temperature probes

#### Integral chart recorder

For recording data

#### Internal 13A socket (EU/UK)

Flexible power options

#### Drying mode

Reducing moisture

#### Corrosive conditions evaporator

Preventing deterioration

#### Pre-programming service

Temperature and lighting pre-programmed to your specification





COOLED INCUBATION

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