

Cooled Incubators Series 4

The LMS Series Four Cooled Incubator is a reliable and accurate Temperature controlled cabinet (-10°C to +50°C) which has proved its worth over many years in laboratories both in the UK and overseas.

The design of the purpose built incubator facilitates the addition of optional extras to provide greater flexibility for individual use, making it suitable for a wide range of applications including:-

- The study of growth patterns of plants and insects
- B.O.D. Tests
- Seed germination & vernalisation
- Tissue culture
- Enzyme testing
- Serum studies
- Immunology
- Fruit fly culture
- Sample storage
- Product shelf life tests

Models

600 (600) litre
1200 (1200) litre

Construction

Exterior – stainless steel

Interior – stainless steel

Insulation – foamed polyurethane for optimum results



Two Year Guarantee

• **DESIGN**

- Digital control with digital readout
- Fan assisted air circulation via premixing chamber
- Full P.I.D. heating control to ensure stable internal temperatures
- Pre-set 70°C safety cutout for total cabinet protection
- Electronics RF and TV suppressed
- Hermetically sealed refrigeration system
- Refrigeration isolation switch
- Self-evaporating condensate drip-tray
- Automatic de-frost
- Variable over-temp alarm
- Doorlock
- RS 232 interface

• **OPERATION**

- Controls easy to read and simple to use
- Temperature range: -10°C to +50°C (excluding interior illumination and double glazed door) with average variation of +/- 0.5°C and fluctuation of 0.1 °C with average workload
- Temperature set by direct reading digital controller
- Indicators for mains, heating and high temperature safety cutout

• **OPTIONAL EXTRAS**

- Automatic dual temperature control via program facility
- Interior fluorescent/u.v. lighting operated via program facility
- Inner clear perspex door
- Built in Chart Recorder
- Manual high/low temperature audible and visual alarm system with safety cut out
- Programmable audible alarm
- Access porthole
- Double glazed door (minimum 0°C)
- Castors
- Internal 13 amp socket outlet
- Special evaporator for corrosive conditions
- RS 485 interface
- Fully programmable controller
- Configuration software for Windows (for use with fully programmable controller)
- Pre-programming service, up to 5 different programs

MODEL		600	1200
EXTERNAL DIMENSIONS (MM)	HEIGHT	2080	2080
	WIDTH	750	1500
	DEPTH	860	860
CAPACITY (LITRES)		600	1200
SHELF SIZE IN MM		530 x 550	530 x 550
NUMBER OF SHELVES		5	10
UNLADEN WEIGHT		160kg	235kg
INTERNAL DIMENSIONS (MM)	HEIGHT	1500	1500
	WIDTH	600	1340
	DEPTH	680	680

LMS Limited reserves the right to amend the specifications of all models without prior notice in the light of changing user techniques. The standard voltage is 240v 50Hz but other volts; cycles available.

