

# LMS

## Series 4

### Cooled Incubators

Energy Efficient

& ECO Friendly

The LMS Series 4 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/cooling control to ensure stable internal temperature
- Pre-set 70°C safety cutout for total cabinet protection
- Electronics RF and TV suppressed
- Hermetically sealed refrigeration system
- Self-evaporating condensate drip-tray
- Automatic Defrost
- Doorlock
- RJ 45 interface

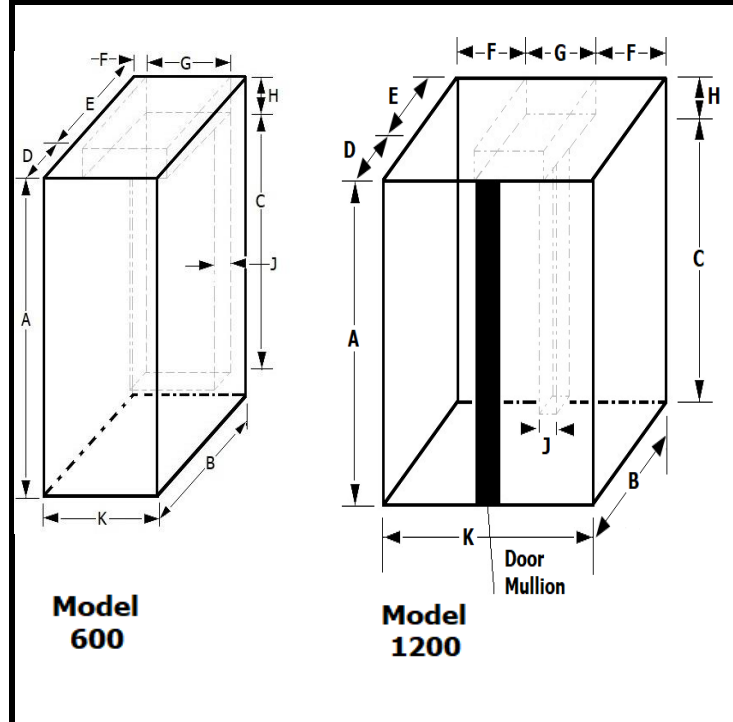
## Operation

- Controls easy to read and simple to use
- Temperature range -10°C to +50°C (excluding interior illumination & double glazed door models) with an average variation of  $\pm 0.5^{\circ}\text{C}$  and fluctuation of  $0.1^{\circ}\text{C}$  with an average workload
- Temperature set by direct reading digital controller

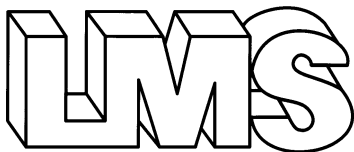
## Optional Extras

- Automatic dual temperature control
- Interior LED lighting
- Inner clear perspex door
- Built in paperless chart recorder
- Manual high/low temperature audible and visual alarm system with safety cut-out
- Access porthole
- Special evaporator for corrosive conditions
- Internal socket outlet
- Fully programmable controller

Model		600	1200
External	Height	2080	2080
Dimensions (MM)	Width	800	1500
	Depth	900	900
Capacity	(Litres)	600	1200
Shelf Size	(MM)	530 x 550	530 x 550
Number of Shelves		5	10
Unladen Weight		160Kg	235Kg
Internal	A	1500	1500
Dimensions (MM)	B	680	680
	C	1370	1335
	D	135	125
	E	420	480
	F	90	450
	G	420	450
	H	180	165
	J	35	115
	K	600	1350



LMS Limited reserve the right to amend the specification of all models without prior notice in the light of changing user techniques.



The standard voltage is 240v 50Hz but other volts/cycles are available.

The Modern Forge, Riverhead, Sevenoaks, Kent TN13 2EL  
Telephone: 01732 451866 Facsimile: 01732 450127