

LMS

Series 1A

Cooled Incubators

Energy Efficient
& ECO Friendly

The LMS Series 1A Cooled Incubator is a reliable and accurate Temperature controlled cabinet (-10°C to +50°C) designed for optimum performance and reliability. 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

80 (76 litre) - benchtop or underbench
120 (120 litre) - freestanding
201 (201 litre) - freestanding
280 (272 litre) - freestanding

Construction

- Exterior – white stove enamelled mild steel
- Interior – white
- Insulation – foamed polyurethane for optimum results



Two Year Guarantee

LMS

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 70C safety cutout for total cabinet protection
- Electronics RF and TV suppressed
- Hermetically sealed refrigeration system
- Self-evaporating condensate drip-tray
- Doorlock
- White plastic coated wire shelves
- RJ 45 interface

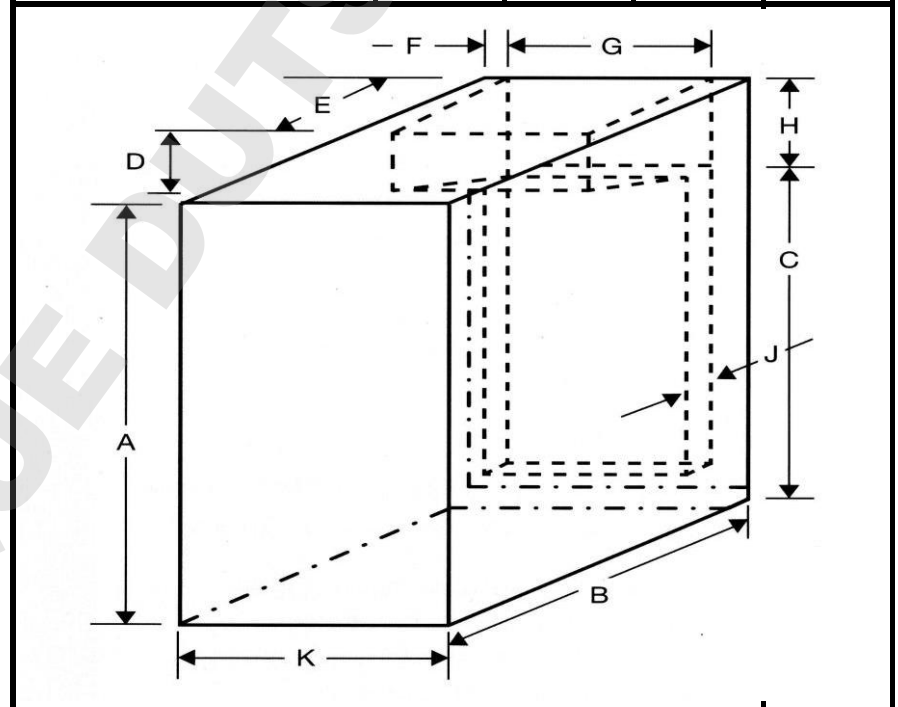
Operation

- Controls easy to read and simple to use
- Temperature range -10C to +50C (excluding interior illumination) with average variation of +/- 0.5C and fluctuation of 0.1C with average workload
- Temperature set by direct reading digital controller

Optional Extras

- Automatic dual temperature control
- Interior LED lighting
- Inner clear perspex door
- Built in 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 | | 80 | 120 | 201 | 280 |
|--------------------------|--------|---------|---------|---------|---------|
| External Dimensions (MM) | Height | 780 | 1080 | 1430 | 1750 |
| | Width | 520 | 520 | 520 | 520 |
| | Depth | 680 | 680 | 680 | 680 |
| Capacity (Litres) | | 76 | 120 | 201 | 272 |
| Shelf Size (MM) | | 420x386 | 420x386 | 420x386 | 420x386 |
| Number of Shelves | | 2 | 3 | 4 | 5 |
| Unladen Weight | | 40 | 55 | 65 | 75 |
| Internal Dimensions (MM) | A | 400 | 600 | 965 | 1285 |
| | B | 490 | 490 | 490 | 490 |
| | C | 275 | 475 | 785 | 1105 |
| | D | 125 | 125 | 150 | 150 |
| | E | 310 | 310 | 370 | 370 |
| | F | 10 | 10 | 30 | 30 |
| | G | 425 | 425 | 385 | 385 |
| | H | 125 | 125 | 180 | 180 |
| | K | 445 | 445 | 445 | 445 |
| | J | 40 | 40 | 40 | 40 |



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.



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