



# Cooled Incubators

## Model LT2

This budget priced model has microprocessor controls and outstanding performance.

### Construction

Made from rust resistant steel, finished in stove enamel paint for a smooth, tough finish. The chamber is made from easy to clean moulded plastic. High grade polyurethane insulation provides an efficient thermal barrier to ensure optimum temperature stability.

Stainless steel ducts provide the unique LEEC airflow system which accurately blends the circulating air to give precise temperature control. Coated wire shelves are adjustable at various heights to optimise the useable space.

### Microprocessor Controls

The digital temperature display gives the user instant confirmation of incubator performance. The microprocessor optimises the balance between heating and cooling as well as controlling the fan circulation. This method has been proven to give outstanding temperature performance.

## Standard Features

### Controls

- PID microprocessor with digital temperature display.
- Rapid recovery after door opening.

### Construction

- Smooth wipe-clean plastic chamber with adjustable shelves.
- Door can be left-hand hinged if required.
- Efficient polyurethane foam insulation.
- 12mm access port for cables.

### Heating and Cooling

- Unique control system efficiently blends warm and cool air to achieve optimum temperature stability.
- Quiet hermetically sealed compressor.
- CFC-free refrigerant and insulation.

### Safety

- Digital overtemperature safety cutout with visual alarm gives product protection.
- Chamber is internally sparkfree.

### Optional Extras

- Chart recorder.
- Remote alarm contacts.

Model	LT2
Temperature Range Control Variation Refrigerant	+5°C to +50°C Typically ±0.2°C Typically ±0.2°C R134a
Construction Chamber Exterior Castors Access Port Insulation	Moulded plastic White painted steel Optional ST1 dolly Standard, 12mm Polyurethane
Chamber Capacity (litres)	140
Dimensions (ext) H W D	910 550 580
Max. Internal H W D	750 455 410
Shelves Supplied	3
Weight (kg)	32
Power Rating (W)	360



Model LT2



INCUBATORS

## Models LT601 & LT1201

High capacity models with heavy duty chambers and microprocessor controls.

### Construction

These two models have a stainless steel exterior and chamber. Both models are fitted with lockable castors, recessed door handles and door locks. Plastic coated wire shelves are adjustable throughout the chamber.

High efficiency polyurethane insulation helps ensure stable temperature control over a wide operating range. A cable access port is provided so that shakers or monitoring probes can be used.

### Microprocessor Controls

The microprocessor controls both heating and cooling functions of the incubator. The resulting balanced airflow gives excellent temperature stability throughout the large chambers.

The digital display gives instant verification of incubator performance.

### Dual Temperature Cycling

Automatic cycling of temperature between two preset values is an optional extra.

## Standard Features

### Controls

- PID microprocessor with digital displays.

### Construction

- Stainless steel interior and exterior for robustness and long life.
- Fitted with lockable castors for easy manoeuvrability.
- Door locks and recessed, full height door handles.
- 12mm access port for cables.

### Heating and Cooling

- Patented air blending system gives excellent temperature stability.
- CFC-free refrigerant and insulation.

### Safety

- Visual alarm controlled by digital overtemperature safety thermostat.
- Chamber is internally sparkfree.

### Optional Extras

- Chart recorder.
- Remote alarm contacts.
- Dual temperature cycling.



Model LT601

Models	LT601	LT1201
Temperature* Range Control Variation Refrigerant	0°C to +50°C Typically $\pm 0.1$ °C Typically $\pm 0.25$ °C R134a	
Construction Chamber Exterior Castors Access Port Insulation	Stainless steel Stainless steel Standard, lockable Standard, 12mm Foamed in place	
Chamber Capacity (litres)	600	1275
Dimensions (mm) - External H W D Max. Internal H W D	1980 710 800 1480 590 650	1980 1420 800 1480 1300 650
Shelves Supplied	5	10
Weight (kg)	125	190
Power Rating (W)	800	1500

\* Temperature specification for model LT601 at 20°C Ambient

