



Model P3C

These models are of a rugged design and are fitted with microprocessor controls.

Construction

All models are made from rust resistant steel finished in tough white stove enamel paint. Inner chambers are made from stainless steel and have adjustable shelves. The circulation fan gently forces air around the chamber via a full-width rear duct. Two access ports are provided so that cables can run into the chamber for shakers, stirrers or temperature monitoring probes. The low wattage heaters are bonded to the outer wall of the chamber and surrounded by polyurethane insulation to help achieve optimum temperature stability.

Specification

Models	P2C	P3C	P33C
Temperature* Range Control Variation Refrigerant	0°C to +60°C Typically $\pm 0.2^\circ\text{C}$ Typically $\pm 0.5^\circ\text{C}$ CFC-free		
Construction Chamber Exterior Castors Access Port Insulation	Stainless steel White painted steel Optional Standard, 2x12mm CFC-free		
Chamber Capacity (litres)	150	320	730
Dimensions (mm) - External	H	1075	1745
	W	635	1270
	D	660	660
Max. Internal	H	590	1275
	W	510	1140
	D	490	490
Shelves Supplied	4	6	6
Weight (kg)	100	145	250
Power Rating (W)	800	850	1050

Microprocessor Controls

The temperature controller accurately controls both the heating and cooling functions. The unique LEEC cooling system controls refrigerant flow to the evaporator, thereby eliminating the possibility of unwanted overcooling. Heating is pulsed only as required. Pulsing is a very energy-efficient method of achieving stable temperature control and eliminates the need for autodefrosting except at the lowest of operating temperatures.

Dual Temperature Cycling

This optional facility allows the chamber temperature to cycle automatically between two preset values.

*Temperature specification for Model P2C at 20°C ambient.

Models P2C, P3C & P33C

Standard Features

Controls

- PID Microprocessor with digital display.
- Digital overtemperature safety cutout.

Construction

- Stainless steel chamber with adjustable shelves.
- Efficient polyurethane foam insulation.
- Two 12mm access ports.

Heating and Cooling

- Unique pulsed heating and cooling is very energy- efficient.
- Quiet hermetically sealed compressor, with air cooled condenser.
- Low wattage heaters are bonded to the outer wall of the chamber to eliminate 'hot-spots'.

Safety

- Digital overtemperature safety cutout with visual alarm.
- Chamber is internally sparkfree.
- Insulation is CFC free.

Optional Extras

- Chart recorder.
- Audible alarm.
- Auto defrost.
- Dual temperature cycling.

Note

LEEC also manufacture a range of Separate Self-contained Refrigeration Units to use with LEEC Precision Incubators. These are particularly useful in crystallography work as they eliminate vibration. Contact our sales office for details.



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.