



IC Cooled Incubators

The New IC range of cooled incubators from LTE Scientific has been designed to be environmentally friendly. There are 4 sizes available in the range – 92-litres, 176-litres, 294-litres and 516-litres.

LTE Cooled Incubators

All models use refrigerants R290 or R600a which have a Global Warming Potential (GWP) of just 3. This combined with low energy consumption will help keep running costs to a minimum whilst reducing your carbon footprint.

Accurate temperature performance and space-efficient storage capacities are key features of the new IC range. All IC Cooled Incubators incorporate a quiet but effective fan circulation system which distributes the air evenly throughout the chamber. All models are designed to operate between +2°C and +50°C.

There is a choice of either white epoxy coated or stainless steel exterior finish. In addition all models can also be supplied with double-glazed glass doors. Interior finish is of a high impact-resistant and durable ABS. The entire range also has a one piece door seal which can be easily removed making the whole cabinet extremely easy to clean and maintain.

The IC200 model is an under-bench or bench-top model providing an impressive net chamber capacity of 92-litres, which makes it one of the largest under-bench/bench-top cooled incubators available. In addition, the IC200 and 300 models can be stacked (either IC200/IC200 or IC300/IC200) providing further flexibility of laboratory space.

Shelves are plastic coated and sit in tip-proof 'U' shaped runners.

For easy manoeuvrability, all models except the IC200 are supplied on swivel castors as standard. The IC200 is fitted with flat skids.

IC Cooled Incubators are controlled via an electronic PID controller providing close control and variation throughout the chambers. Over-temperature protection is via class 2 limiter.



The IC range combines performance, design and value.

Key Features

- Eye-catching design
- High Performance
- Close temperature control
- Effective air distribution
- Large storage capacities with small footprint
- Large capacity under-bench/ bench-top models
- Durable and easy-clean ABS interiors
- Operating temperature +2°C to +50°C



IC600



IC400

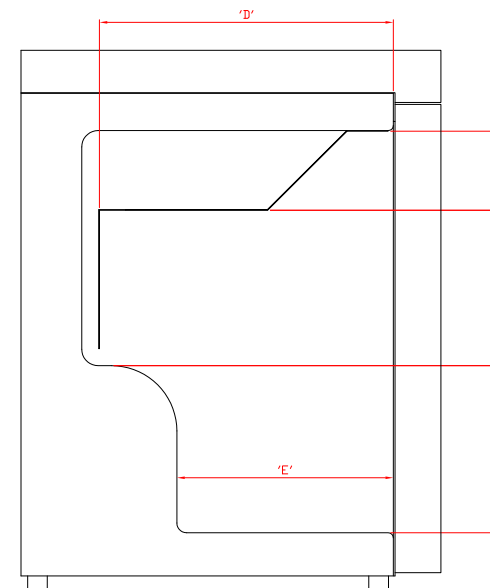


IC200

Technical and Ordering Information

Model Range	Net Capacity, litres	Exterior Finish and Door Type	Cat. No	Internal Dims, HWD, mm	External Dims, HWD, mm	Variation*	Weight	Shelves
IC200	92	White epoxy, solid door	IC/200/WS	Height A - 90 B - 260 C - 260 Width 460 Depth D - 448 E - 330	830 x 595 x 640 (add 95mm for castors if fitted)	At +5°C: ±0.35°C At 37°C: ±0.8°C	50kg (add 6kg for glass door)	3
		Stainless steel, solid door	IC/200/SS					
		White epoxy, glass door	IC/200/WG					
		Stainless steel, glass door	IC/200/SG					
IC300	176	White epoxy, solid door	IC/300/WS	Height A - 90 B - 665 C - 260 Width 460 Depth D - 448 E - 330	1325 x 595 x 640	At 5°C: ±0.6°C At 37°C: ±1.0°C	65kg (add 8kg for glass door)	4
		Stainless steel, solid door	IC/300/SS					
		White epoxy, glass door	IC/300/WG					
		Stainless steel, glass door	IC/300/SG					
IC400	294	White epoxy, solid door	IC/400/WS	Height A - 90 B - 1240 C - 260 Width 460 Depth D - 448 E - 330	1900 x 595 x 640	At 5°C: ±0.6°C At 37°C: ±1.0°C	80kg (add 9kg for glass door)	6
		Stainless steel, solid door	IC/400/SS					
		White epoxy, glass door	IC/400/WG					
		Stainless steel, glass door	IC/400/SG					
IC600	516	White epoxy, solid door	IC/600/WS	1470 x 575 x 660 (less 110mm on height for internal fan box)	2000 x 695 x 868	At 5°C: ±0.6°C At 37°C: ±0.6°C	120kg (add 12kg for glass door)	4
		Stainless steel, solid door	IC/600/SS					
		White epoxy, glass door	IC/600/WG					
		Stainless steel, glass door	IC/600/SG					

*Tests carried out in empty chambers on cabinets with solid doors using 12 x temperature probes in free space.



Options

Cat. No	Description
IC/LIT/01	Interior illumination with 24hr/7 day timer
IC/HLT/01	Hi/Low temperature limiter with alarm
IC/ACC/01	Access port, 18mm dia, side panels only.
IC/SCK/01	Internal splash-proof electrical 13A socket
IC/STK/01	Stacking kit for IC200/300

Cat. No	Description
IC/STK/02	Stacking kit with base unit castors for IC200
IC/SHF/01	Full-size shelf for IC200
IC/SHF/02	Full-size shelf for IC300
IC/SHF/03	Full-size shelf for IC400
IC/SHF/04	Full-size shelf for IC600

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