

IC Series Cooled Incubators

The IC range of cooled incubators from LTE Scientific delivers exceptional performance and value. There are 4 sizes available in the range - 92-litres, 176-litres, 294-litres and 516-litres.

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 provided via a class 2 limiter.

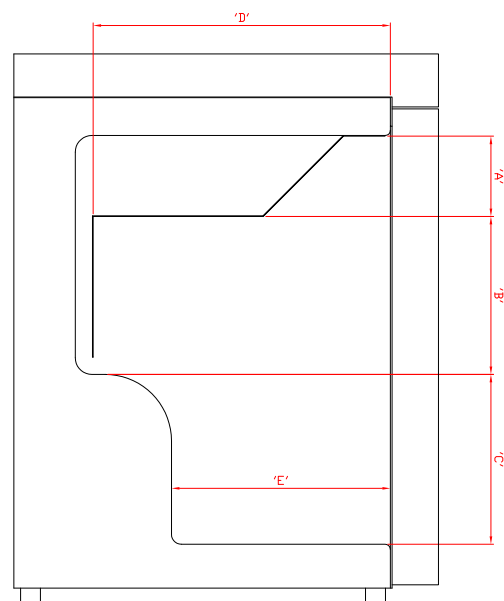
TECHNICAL AND ORDERING INFORMATION:

Model Range	Net Capacity, litres	Exterior Finish & 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	830 x 595 x 640 (add 95mm for castors if fitted)	At +5°C: ±0.35°C	50kg (add 6kg for glass door)	3
		Stainless steel, solid door	IC/200/SS		B 260				
		White epoxy, glass door	IC/200/WG	Width Depth	C 260		At 37°C: ±0.8°C		
		Stainless steel, glass door	IC/200/SG		D 448 E 330				
IC300	176	White epoxy, solid door	IC/300/WS	Height	A 90	1325 x 595 x 640	At 5°C: ±0.6°C	65kg (add 8kg for glass door)	4
		Stainless steel, solid door	IC/300/SS		B 665				
		White epoxy, glass door	IC/300/WG	Width Depth	C 260		At 37°C: ±1.0°C		
		Stainless steel, glass door	IC/300/SG		D 448 E 330				
IC400	294	White epoxy, solid door	IC/400/WS	Height	A 90	1900 x 595 x 640	At 5°C: ±0.6°C	80kg (add 9kg for glass door)	6
		Stainless steel, solid door	IC/400/SS		B 1240				
		White epoxy, glass door	IC/400/WG	Width Depth	C 260		At 37°C: ±1.0°C		
		Stainless steel, glass door	IC/400/SG		D 448 E 330				
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:

Catalogue 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
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





Wolf Laboratories Limited

www.wolflabs.co.uk

Tel: 01759 301142

Fax: 01759 301143

sales@wolflabs.co.uk



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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.

