



Series 1000 Laboratory Culture Incubators

MODEL 1050	- Capacity 50 litres
MODEL 1100	- Capacity 100 litres
MODEL 1150	- Capacity 150 litres
MODEL 1200	- Capacity 200 litres
MODEL 1300	- Capacity 300 litres
MODEL 1400	- Capacity 400 litres
MODEL 1800	- Capacity 800 litres
MODEL 1900	- Capacity 1000 litres

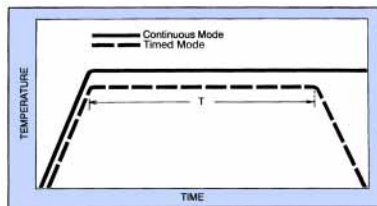
The Contherm Biocell Series of Incubators enable culturing to virtually ambient temperatures.



Some conditions apply*



Model 1200



Dynamic performance graph of standard incubator



Model 1400

The Contherm 'Biocell' Series of Laboratory Culture Incubators, in contrast to other brands, offers accurate and reliable performance down to ambient temperatures with the 'Thermoguard' fan management system.

Enhanced humidity levels are achieved by means of the unique fan, the scroll design of which is an integral part of the dynamically balanced true one-pass air circulation system. Use at elevated ambient temperatures is practicable and achievable due to the energy



Easy-to-use interior door catch.

input of the fan being proportionately reduced under those conditions. With an easy-to-set and read digital LED display, these units now offer the versatility to operate at temperatures up to 100°C with a set-point

accuracy of 0.1°C. For sample protection, hi-limit controls are fitted. Featuring the Contherm ZP21 microprocessor-based controller/programmer, offering programmable as well as steady-state operation, the system is EEROM equipped to save set-points during power failures. The inner door of toughened glass with purpose-designed compression seals and hinge system allows excellent visual monitoring of samples without disturbing the chamber environment, even at maximum temperatures. In addition, outer doors are fitted with soft-closing magnetic seals to ensure jar-free culture growth.

All models feature an attractive corrosion-resistant finish on steel exteriors, with stainless steel interiors and shelves to assure a long service life.

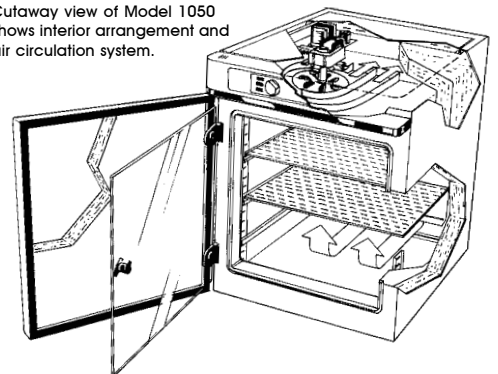
A range of eight attractive and dependable models is available, to satisfy the diverse needs of laboratory technologists. The Biocell Series incubators are manufactured in a quality production environment, and built to AS/NZS3350 Electrical Safety Standards.

Specifications

MODEL	1050	1100	1150	1200	1300	1400	1800	1900
Nominal Capacity	50 litres	100 litres	150 litres	200 litres	300 litres	400 litres	800 litres	1000 litres
External Dimensions (mm)	Height	655	770	855	915	1215	1515	1630
	Width	520	590	690	785	785	1320	1320
	Depth	520	620	675	690	690	690	850
Internal Dimensions (mm)	Height	335	500	580	640	940	1240	1220
	Width	385	455	540	650	650	650	1170
	Depth	340	440	485	505	505	505	725
Shelves Supplied	2	3	3	3	4	5	5	5
Load: Watts	300W	300W	450W	450W	450W	450W	900W	900W
Net Weight	40kg	59kg	68kg	86kg	108kg	117kg	275kg	300kg
Packed Weight	46kg	64kg	73kg	95kg	120kg	130kg	300kg	325kg
Operating Temperature	Ambient + 2°C to 100°C (with Thermoguard)							
Operating Ambient	10° to 35°C							
Temporal Variation	±0.2°C						±0.3°C	
Spatial Variation	±0.6°C						±1.5°C	
Power Supply	230 - 240Volt 50hz 10Amp Grounded Supply							
Controller	ZP21 Digital LED Readout							
Timer	1 minute to 99 hours 59 minutes							
Options	Option X - Castors. Option Z - Cable Port. Option E - RCD							

Performance figures are quoted at 37°C in an ambient of 20°C. All measurements as prescribed by AS2853

Cutaway view of Model 1050 shows interior arrangement and air circulation system.



More technical information is available from the Contherm Techspec Library. Refer to our website for current information. The words 'Contherm' and 'Biocell' are the property of Contherm Scientific Ltd. *Warranty covers components and labour for 1 year, and applies only with regard to published pricelist.

The information contained in this brochure is correct at time of printing but is subject to change without notice.

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