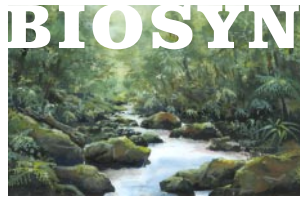


*The Contherm Biosyn Series 6000
Tissue and Plant Growth Chambers
- giving biotech researchers cost-
effective culturing at lower light
levels.*

BIOSYN
SERIES



**Series 6000 Tissue and Plant
Growth Chambers**

MODEL 6150CP4 - Capacity 150 litres
MODEL 6200CP4 - Capacity 200 litres
MODEL 6300CP4 - Capacity 300 litres
MODEL 6400CP4 - Capacity 400 litres
MODEL 6800CP8 - Capacity 800 litres

Offering accurate, reliable and cost effective control of temperature and lighting, the Biosyn Series 6000 delivers excellent performance to the researcher, providing Photosynthetically Active Radiation and microprocessor-managed temperature control. All models feature a corrosion-resistant finish on steel exteriors and stainless steel interiors to enhance user-friendliness and hygiene. A cable port is an optional extra. Inner doors of toughened glass allow excellent visual monitoring, and a soft-closing outer door ensures jar-free growth of samples. With accurate and reliable control from 5°C to 50°C, and a fan-driven air circulation system, optimum and repeatable performance is assured.

The proven Contherm ZP21 microprocessor-based control system with user-adjustable software and easy-to-set and read LED digital display is EEROM backed to save set points during power failures.

These models feature self-diagnostic alarm displays and dual hi-limit controls, with two user-configurable programs for day/night simulation, and an additional delayed start facility is installed.

Contherm Series 6000 Chambers contain ozone-friendly refrigerants and oils only, positively achieving a CFC-free cabinet design.

Manufactured in a quality production environment, these chambers are designed to NZS/AS3100 Electrical Standards.



Some conditions apply*



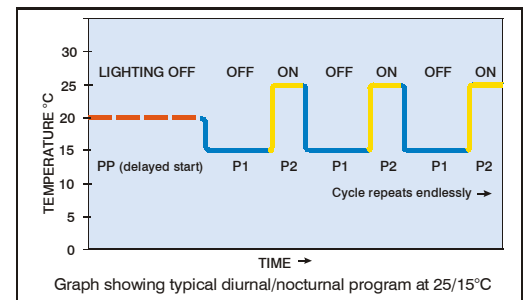
Model 6400CP4 shown with optional cable port.



Specifications

MODEL	6150CP4	6200CP4	6300CP4	6400CP4	6800CP8
Nominal Capacity	150 litres	200 litres	300 litres	400 litres	800 litres
External Dimensions (mm)	Height	855	910	1210	1510
	Width	690	820	820	820
	Depth	910	940	940	940
Internal Dimensions (mm)	Height	530	630	930	1230
	Width	545	655	655	655
	Depth	485	510	510	510
Shelves Supplied	3	3	4	5	5
Load: Watts	1000W	1000W	1000W	1075W	1750W
Net Weight	83kg	110kg	113kg	135kg	280kg
Packed Weight	110kg	155kg	175kg	200kg	330kg
Packed Dimensions (mm)	Height	1000	1130	1300	1700
	Width	880	880	1000	1000
	Depth	1100	1200	1200	1200
Operating Temperature	5°C to 50°C lights off, 10°C to 50°C lights on.				
Operating Ambient	Maximum 40°C				
Temporal Variation	±0.5°C				
Spatial Variation	±1.5°C				
Power Supply	230 - 240Volt 50hz 10Amp Grounded Supply				
Controller	ZP21 Digital LED Readout				
Lighting (60µE@300mm)	4 x cool white fluorescent tubes (6800CP8 - 8 tubes) Other spectra available				
Timer	1 min. to 99hrs 59mins on all programs				
Options	Option Z-Cable port. Option X-Castors				

Performance figures are quoted in an ambient of 20°C with lights off.
All measurements as prescribed by AS2853.



More technical information is available from the Contherm Techspec Library. Refer to our website for current information. The words 'Contherm' and 'Biosyn' are the property of Contherm Scientific Ltd. *Warranty covers components and labour for 1 year. Full warranty 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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