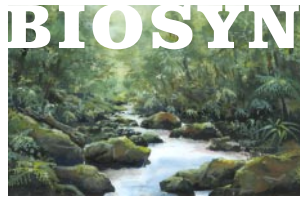


*The Contherm Biosyn Series 6000
Tissue and Plant Growth Chambers
- giving biotech researchers cost-
effective culturing at lower light
levels.*

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*



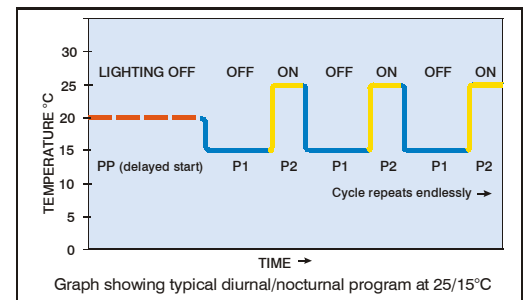
Model 6400CP4 shown with optional cable port.



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 | 1625 |
| | Depth | 910 | 940 | 940 | 940 | 940 |
| Internal Dimensions (mm) | Height | 530 | 630 | 930 | 1230 | 1230 |
| | Width | 545 | 655 | 655 | 655 | 1195 |
| | Depth | 485 | 510 | 510 | 510 | 510 |
| Shelves Supplied | 3 | 3 | 4 | 5 | 5 | |
| Load: Watts | 850W | 850W | 1350W | 1350W | 1850W | |
| Net Weight | 83kg | 110kg | 113kg | 135kg | 280kg | |
| Packed Weight | 110kg | 155kg | 175kg | 200kg | 330kg | |
| Packed Dimensions (mm) | Height | 1000 | 1130 | 1300 | 1700 | 1900 |
| | Width | 880 | 880 | 1000 | 1000 | 1500 |
| | Depth | 1100 | 1200 | 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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