



Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

| | |
|--------|---|
| Series | Algae growth chambers LED Lighting Temperature only |
| Model | agc-1200 |

1200 litre LED algae growth chamber
Temperature only



*Specifications subject to change without notice

Steridium Pty Ltd | Australia
www.steridium.com
sales@steridium.com
+61 7 55 931 352



Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

Series Algae growth chambers
 LED Lighting
 Temperature only
Model agc-1200

1200 litre LED algae growth chamber
Temperature only

| | |
|------------------------------|-----------------------------------|
| Chamber capacity | 1200 Litres |
| Standard dual chamber design | 1 set of shelves per door |
| Chamber width | 705 mm |
| Chamber depth | 600 mm |
| Chamber height | 1269 mm |
| Single chamber design | Optional |
| Chamber width | 1490 mm |
| Chamber depth | 600 mm |
| Chamber height | 1269 mm |
| Chamber material | Stainless Steel 304L |
| External width | 1895 mm |
| External depth | 762 mm |
| External height | 1861 mm |
| External material | Durable epoxy powder-coated steel |
| Recommended clearance | 75mm on sides and rear |
| Temperature range | 4 to 50C |
| Temperature sensor | Pt100 |
| Control accuracy | 0.1 C |
| Temporal stability | 0.2 C |
| Available shelf positions | 26 (13 per door) |
| Shelves supplied | 6 (3 per door) |
| Shelf dimensions | 690 x 590 mm |
| Shelf spacing | 90 mm |
| Shelf capacity | 50 KG |
| Insulation type | Mineral Wool - asbestos free |
| Insulation thickness | 50mm |



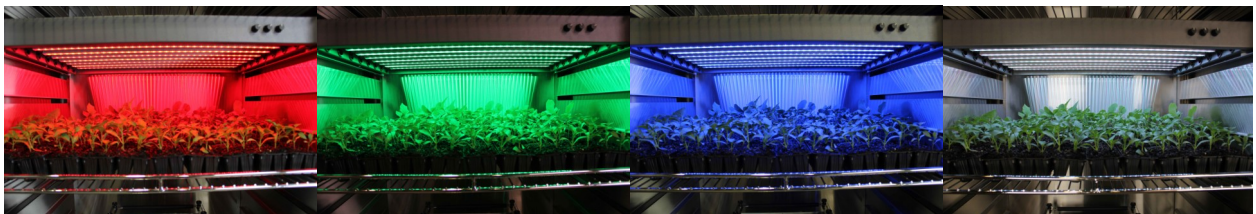
Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

Series Algae growth chambers
 LED Lighting
 Temperature only
Model agc-1200

1200 litre LED algae growth chamber
Temperature only

| | |
|-------------------|--|
| Compressor size | 3/4 HP |
| Refrigerant | CFC-Free R134a |
| Lighting source | Bi-Directional (up/down) Waterproof LED Cassettes Lighting directly above and below entire shelf |
| Growth area | 0.4m ² (per shelf) |
| Maximum intensity | 200μmol/m ² /sec |
| Lighting colours | Lighting cassettes comprised of any combination of: Warm White Cool White Red Green Blue RGB Combination—Variable spectrum |





Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

Series Algae growth chambers
 LED Lighting
 Temperature only
Model agc-1200

1200 litre LED algae growth chamber
Temperature only

| | |
|--------------------|---|
| Electrical supply | Single phase, 220 - 240V, 50 - 60 Hz (alternatives available on request) |
| Element rating | 2 kW |
| Circulating fan | 2 |
| Controller type | Multifunction intelligent digital PID-microprocessor |
| Readout | Digital LCD readout of set and actual temperature |
| Temperature alarms | High low deviation |
| Diurnal Control | Automatic switching between selected Day and Night Temperatures (and lights) |
| Country of origin | Australia |



Australia's premium manufacturer
of medical and laboratory products

Product Specification Sheet

| | |
|--------|---|
| Series | Algae growth chambers LED Lighting Temperature only |
| Model | agc-1200 |

1200 litre LED algae growth chamber
Temperature only

Options / Accessories

- Single chamber design
- Additional shelves
- 8 Step programmable controller
- 500 Step programmable controller
- Inner viewing door - toughened glass
- Double glazed glass door
- Side access port - 50 mm
- Fan speed controller
- Internal power supply*
- RS232 or RS485 comms module
- Ethernet comms module
- ISPM 15 compliant crating for export
- Calibration certificate
- Co2 Control (ambient to 3000ppm)

*Maximum temperature limited to 50C