

## GC 400 GROWTH CHAMBER

- Advanced technology for tests at different climatic and lighting conditions such as plant growth, seed germination, acclimation of plants, culture of plant cells and tissues, genetic manipulations of plants, cultivation of protoplasm and cells, incubation and rearing of insects.
- Useful volume: 400 liters.
- Wide range of temperature control : -20°C / +60°C (lights off), 0°C/+60°C (lights on)
- Programmable humidity range: 20% / 95% Rh (between +10°C and +60°C).
- Lighting from three sides: Left, right and up.
- Max. lighting level: 20.000 lux.
- Programmable lighting function: 0 - 24 hour timer for each side.
- Door mounted, state-of-art programmable microprocessor control system.
- 10 program memories.
- 9 program steps for temperature and humidity.
- Programmable altitude input for calculating right humidity value according to psychrometric formula.
- User friendly control panel including 128x64 pixel display.
- Chamber made of stainless steel and glass windows and external body made of epoxy-polyester painted stainless steel.
- Humidity produced by a humidity generator.
- Humidity measurement according to psychrometric diagram.
- Self-diagnostic system for possible failures.
- 32 kb standard, 256 kb optional memory.
- Adjustable electronic safety thermostat.
- Outlet for printer connection for printing current or stored programs.
- Optional NuveGrowth software for programming and control via PC.
- CFC-free refrigerant and insulation.



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