

CHAMBERS PLANT GROWTH, GERMINATION AND CULTIVATION

**Ideal for studies where require control of the variables:
thermal, climatic, photoperiod, CO₂ and O₂.**

Mainly, the demand is based on paneled construction equipment,
Walk-in, although the market also requires compact equipment.



FEATURES:

- 1_Panel thickness: 70 mm.
Interior in lacquer sheet.
Reinforced floor.
- 2_System control, by simple regulation or by
microprocessor automation.
- 3_Adaptation to the available space.
- 4_Temperature range: from +4°C to +50°C.
- 5_Humidity range: from 50% to 98%.
- 6_Dawn-dusk simulation





7_Humidity generator by compressed air nebulization, this system doesn't provide heat to the chamber.

8_Light radiation depend on specific application; white cold light of fluorescent tube, blue-red light flow combined with tubes, sodium vapor lamps,...

9_Automatic lifting of the trays according to growth of the plants, or manual height adjustment possibility..

10_Trays and shelves are manufactured in stainless steel structure, with the bottom, white lacquered aluminum to achieve maximum light reflection.

11_Independent over temperature thermostat with disconnection of the entire system, heating, fans, etc.. and activation of the audible and visual alarm.

12_independent thermostat low temperature, compressor shutdown with audible alarm (to prevent possible freezing of samples).

13_forced air circulation, with vertical direction for optimal moisture and temperature.

