



# ***GERMINATION CHAMBER TYPE MANGELSDORF TE-406/1***

Used for seed germination tests with light, temperature control and internal water reservoir.

## Technical Characteristics

### TE-406/1

- Temperature: Ambient +7°C to 60°C;
- Temperature control: Digital microprocessor with PID system and RBC calibration certificate;
- Temperature sensor: Type PT-100 to 3 threads;
- Control accuracy:  $\pm 1^{\circ}\text{C}$ ;
- Uniformity:  $\pm 2^{\circ}\text{C}$ ;
- Humidity: Saturated from an internal reservoir with a capacity of 17 liters;
- Inner chamber: In stainless steel 304;
- Lighting: 8 Cool White LED Lamps;
- Capacity: 9 shelves;
- Distance between shelves: 140 mm considering 6 shelves;
- Drain: For draining water from the bowl;
- Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Safety: Bulb thermostat for switching off the resistance in case of lack of water;
- Internal dimensions: W=550 x D=500 x H=1000 mm;
- Volume: 275 liters;
- External dimensions W=720 x D=660 x H=1340 mm;
- Weight: 76 kg;
- Power: 1000 Watts;
- Voltage: 220 Volts +/- 5% 50/60Hz;
- Include: - 02 extra fuses; - 06 Shelves; - Window cleaner ;

### Benefits and Advantages

- Internal reservoir system that provides moisture during testing
- Precise temperature control, allowing the system to operate stably at the desired set point, even if external variations occur
- Lighting system, making the performance of germination tests that need this parameter more flexible
- Glass door that allows internal viewing without changing the temperature
- Inner chamber and vat in stainless steel 304, ensuring a longer useful life for the equipment
- Safety thermostat in contact with the resistor for shutdown in case of lack of water or loss of control