



# ***GREENHOUSE WITH ORBITAL AGITATION***

***TE-4080***

Used for incubation of samples that require orbital shaking and temperatures up to 80°C.

## Technical Characteristics

### TE-4080

- Working temperature: Ambient +7°C to 80°C;
- Temperature controller: Digital microprocessor with PID control system;
- Temperature sensor: PT-100 type;
- Control accuracy: 1°C;
- Uniformity:  $\pm 1.5^\circ\text{C}$ ;
- Adjustable orbital: agitation via potentiometer from 0 to 250 rpm;
- RPM Reading: Digital Tachometer with LCD display;
- Programmable timer: up to 99 hours and 59 minutes, with automatic shutdown at the end of the programmed time;
- Thermal exchange system through forced air circulation;
- External structure: in SAE 1020 steel with electrostatic paint coating and anti-corrosive treatment;
- Internal cabinet: in AISI 304 steel;
- Platform capacity with: - 20 125 ml samples - 20 250 ml samples - 12 500ml samples - 05 1000 ml samples;
- External dimensions: W:520mm x H: 850mm x P:800mm;
- Minimum bench depth: 700 mm;
- Internal dimensions: W:400mm x H:470mm x P:500mm;
- Power: 1500 W;
- Voltage: 220 V $\pm$ 5%;
- Weight: 95 kg;
- Accompanies: - Equipment manual with warranty term - 02 Fuses;

## Benefits and Advantages

- Working temperature higher than incubator models enabling use in various applications
- Precise temperature control allowing the system to operate stably at the desired set point even if external variations occur
- Automatic shutdown at the end of the scheduled time offering autonomy to the analyst during the work routine
- Steel structure that guarantees excellent thermal insulation guaranteeing uniformity in temperature during use
- Possibility of working only with agitation providing flexibility in use
- Flexibility in choosing the number of tests (Erlenmeyers)
- Carbon steel housing with anti-corrosive treatment and electrostatic painting ensuring longer equipment life and ease of cleaning