



# SHAKER INCUBATOR

## TE-4200/1

Used for incubation of samples that require orbital agitation, controlled temperature and protection against external light to avoid degradation; as culture media for the growth of microorganisms and biochemical analyzes whose process requires a more precise uniformity (mainly in Pharmaceutical Areas).

## Technical Characteristics

### TE-4200/1

- Temperature Range: From ambient +7°C to 60°C (higher temperatures on request);
- Controller: Digital microprocessor via membrane keyboard for rotation, timing and heating;
- Temperature sensor: PT-100;
- Control accuracy:  $\pm 0.3^{\circ}\text{C}$ ;
- Uniformity:  $\pm 1.0^{\circ}\text{C}$ ;
- Agitation: Orbital from 30 to 250 RPM;
- Control Accuracy:  $\pm 2$  RPM;
- Engine: 1/6 HP Induction with frequency inverter;
- Timer: Programmable up to 99:59 hours. Automatic shutdown at the end of the scheduled time;
- Circulation: With or without renewal;
- Cover: In Smoked Acrylic;
- Cabinet: In Vacuum Forming and carbon steel base with anti-corrosive treatment and electrostatic painting;
- Dimensions: W=530 x D=645 x H=540 mm;
- Weight: 37.5 kg;
- Power: 750W;
- Voltage: 220 VAC  $\pm 5\%$  50/60Hz;
- ACCOMPANIESS Platform 12 125 ml Erlenmeyer flasks; or 12 250 ml Erlenmeyer; or 05 500 ml Erlenmeyer; or 03 1000 ml Erlenmeyer; or - 02 extra fuses ;
- Optional Acrylic cover with UV treatment Dual Platform: 36 Erlenmeyer flasks of 50 ml; or 20 125 ml Erlenmeyer;

## Benefits and Advantages

- It has amber protection, which makes the external light not influence the sample, preventing degradation of the same
- Good seal that prevents air from escaping
- Ease of maintenance due to the hatch
- Insulation at the bottom and metal parts in NOMEX, avoiding heat exchanges with the environment and with electronic components
- It has visit input for qualification sensors, providing practicality
- Rigid Quality Control, in which checks and tests ensure the perfect functioning of the Equipment, providing safety and client satisfaction
- Client service, to answer questions and provide explanations about the equipment and methodologies.