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INCUBATOR WITH TIMED ORBITAL AGITATION

TE-4200

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

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Technical Characteristics

TE-4200

- Temperature Range: From ambient +7° to 55°c (higher temperatures on request);
- Controller: Digital microprocessor via membrane keyboard for rotation, timing and heating;
- Temperature Sensor: Pt-100;
- Control accuracy: ±0.3°c;
- Uniformity: ±1.5°c;
- Agitation: Orbital from 30 to 250 RPM;
- Control Accuracy: +/-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 clear 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: 220V +/-5% 50/60Hz;
- A platform to choose from is included: - 20 jaws for 125 ml or - 20 grips for 250 ml or - 12 jaws for 500 ml or - 05 jaws for 1000 ml Erlenmeyer flask - 02 extra fuses - Instruction manual with warranty term;

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Benefits and Advantages

- Allows visualization of the sample without the need to open the lid
- Good sealing that prevents air from escaping, ensuring good thermal insulation
- Ease of maintenance due to the hatch
- Presence of an inlet port that allows air exchange in jobs that need temperatures below room temperature
- It has a PT-100 type sensor, the most sensitive
- Temperature control: Microprocessed digital with PID system, which provides more precise control, with the final temperature being reached in a faster and more homogeneous way
- It can work only with agitation, without using temperature
- Flexibility of working with a double platform, depending on the clients needs, for practicality (must be informed at the time of ordering)
- NOMEX base insulation, avoiding heat exchanges with the environment and electronic components
- It has visit input for qualification sensors, providing practicality
- Rigid Quality Control, in which checks and tests guarantee the perfect functioning of the equipment, providing safety and client satisfaction
- Client service, to answer questions and provide explanations about the equipment and methodologies.