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FORCED-AIR LABORATORY OVEN WITH AIR EXCHANGE

TE-394/7-MP

Used for drying and moisture determination in large and heavy samples such as building blocks, automotive parts, and can also be used in other segments that require larger volume equipment.

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Technical Characteristics

TE-394/7-MP

- Temperature: Ambient +7° to 180°C;
- Temperature control: Digital microprocessor with PID system and RBC calibration certificate;
- Sensor: Type J;
- Control accuracy: ±1°C;
- Uniformity: ±4°C;
- Timer: Digital - Programmable up to 99:59 hours. Automatic shutdown at the end of the scheduled time;
- ** Alarm indicating the end of the analysis (audible);
- Capacity: 2 trays, one as low as possible and the other in the center of the internal structure. Both must support 70 kg;
- Engine: ½ HP induction three-phase;
- Circulation system: Internal ventilation in the horizontal direction;
- Circulation/Renovation: Manual system to select the circulation type;
- Insulation: Thermal with double layer of ceramic fiber and glass wool;
- Security: Overheating protection system;
- Seal: 2 doors with molded silicone (it does not have a central column, which allows the entry of samples with a width of up to 1150mm);
- Inner chamber: In polished stainless steel;
- Cabinet: In carbon steel with anti-corrosive treatment and electrostatic painting;
- Internal dimensions: W=1700 x D=1000 x H=1200 mm;
- Volume: 2040 liters;
- External dimensions: W=2100 x D=1165 x H=1850 mm;
- Weight: 300 kg;
- Power: 8000 Watts;
- Voltage: 380 Volts (three-phase);
- ACCOMPANIES: 2 Trays Instruction Manual with Warranty Term;

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Benefits and Advantages

- Equipment standardized by NR10 and NR12
- It has a structure for storing heavy samples for up to 70 kilos per tray, totaling 140 kilos
- It does not have a central column, having more space available for larger sample sizes
- Total volume: 2040 liters, with internal dimensions L = 1700 x P = 1000 x H = 1200 mm
- It has a sensor that only activates air circulation and heating when the door is closed
- Presence of emergency button, ensuring greater security
- Presence of on and off button without retention, to disarm the system in case of emergency and only turn it on when the user is on site
- Presence of on and off signaling
- It has a keyed door closing system, restricting access
- Presence of lock key for security, there is no way to turn the equipment on or off without the key being connected
- Timer for switching off the resistance, provides convenience
- It has an audible alarm to warn of the end of the process, providing agility
- Efficient insulation: double layer of ceramic fiber and one layer of glass wool
- 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.