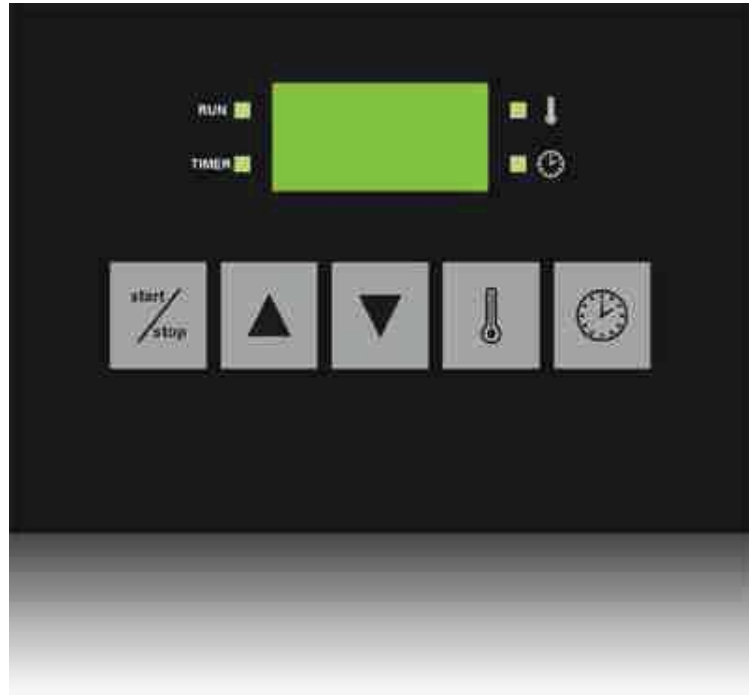


CONTROL FOR LABORATORY STOVES

THIS EQUIPMENT ALLOWS THE TEMPERATURE OF THE CHAMBER TO REACH THE VALUE ESTABLISHED AND MAINTAIN THE PROGRAMMED TEMPERATURE DURING A STIPULATED TIME. AFTER, THE CONTROL STOPS THE REGULATION AND CEASES THE PROCESS. IT ALSO A PROGRAMMABLE WAITING PERIOD TO DELAY THE START UP OF THE PROCESS. TO MEASURE THE TEMPERATURE, IT USES AN INPUT WHICH COMES FROM A PT100A TWO WIRED PROBE. FOR THE TEMPERATURE CONTROL IT USES AN OUTPUT WHICH WILL ACT ON A BTA25 TRIAC, FOR THE OPERATION OF THE ZERO-CROSSING STATIC RELAY. THIS OUTPUT CAN BE CONFIGURED SO THAT IT MAY BE DIRECT, HEATING, OR INVERSELY, COOLING.



ELECTRICAL CHARACTERISTICS

- Power: 230VAC. +/-20% (50-60Hz.).
- Electrical consumption: 2.8VA.
- Environmental operating temperature between 0 and 50°C.
- Relative humidity of operation between 0 and 80% without condensation.
- 3 green digit display of 7 highly efficient segments of 12mm.
- 4 LED green pilot lights to indicate the state of the control.
- Input signals of temperature from two wired Pt100 probe.
- Protection against the breakage of the PT100 sensor incorporated. The variable is at the bottom of the scale and the output is deactivated.

- An output to act on a BTA25 triac for the heating or cooling of the stove, depending on the configuration.
- Environmental operating temperature between 0 and 50°C.
- Relative humidity of operation between 0 and 80% without condensation.

MECHANICAL

- Apparatus front 173x100mm.
- Depth 40mm.
- Front protection IP54.
- Polycarbonate front with an integrated tactile keyboard

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