

Ramp Soak Controller



Ajinkya Electronic Systems is manufacturer of Ramp Soak Controllers which are subset of Profile Controllers. These are mainly used for controlling temperature or any other process parameter against time. Ramp soak controllers control the rate of rise (ramp) of temperature / controlled parameter and then maintain it to the programmed value for programmed time (soak). Ramp down is available as an option.

FEATURES

- Microcontroller based circuitry
- Dual display for setpoint and current temperature
- Dust proof membrane keypad for programming
- Rate of rise of temperature programmable
- Soaking time interval programmable
- Ramp down rate programmable (Optional)
- Heating and cooling (Optional) outputs
- PID Control algorithm
- Data logging Option
- On line data printing with serial printer option

SPECIFICATIONS

- Display : 4 digit 2 row
- Input : RTD / Thermocouple of any type (Factory set) / 4-20mA / 0-10 V
- Control Output : Relay / 4-20mA / 0-10 V
- RS232 / USB Text Output optional
- RS232 / RS485 MODBUS Interface
- Supply : 230 V / 110 V AC or 12-30 V DC / 30-60 V DC
- Size 96x96 mm depth 150 mm

Options

- Cooling output
- Ramp down setting
- Real time clock
- RS232 Data output
- Modbus interface
- Data Logging

Models

IM2755 : Ramp soak controller

Prefix

- T - Serial RS232 Text mode
- S - Serial RS232 Modbus
- M - Serial RS485 modbus
- C - 4-20 mA output
- O - SSR compatible output
- D - Delayed output



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