Microprocessor Based Time Temperature Controller

It is Microprocessor controller based temperature controller which accepts K type Thermocouple sensor and having an option of timer using which one can set the time to maintain the temperature for desired duration of time. The temperature is maintained even during the soak time using the control relay output. The Alarm contact will get closed once the set duration completes. The Count down of set timer is displayed on the front screen.

Equinox ™

Model : TTC-2S

Features

Ø   Push Button Operation

Ø   Selectable Heating / Cooling Function

Specifications :

Input	:	K Type Thermocouple
Display	:	3 ½ digit LED
Measuring Range	:	0 to 1200°C
Resolution	:	1°C
Accuracy	:	± 0.5% fs
Set Points	:	One control set point and one Alarm Set point
Hysterisis	:	Settable from 0~10 Deg C for both Control and Alarm
Control Action	:	Settable for the Range, 5 A 230VAC
Alarm Action	:	Settable for the Range, 5 A 230VAC
Retransmission Output	:	4 – 20 mA Recorder Output
Memory	:	EEPROM memory with 100 years memory retention
Soak Time	:	9999 minutes
Buzzer output	:	At the end of Soak Time
Supply	:	230V AC ,± 10%, 50Hz.
Cutout Size	:	92mm (W) x 92mm (H)
Overall Size	:	96mm (W) x 96mm (H) x 115mm (D)