

# DRYING & CURING BATCH CONTROL SYSTEM

- Ramp & Soak or Delta T
- Three RTD inputs
- 2 relays + 0..10V output
- Remote PC monitoring

## Operator friendly batch controller

The EIL3000 controls the temperature and humidity during a batch drying, curing or cooking process. The well thought out display makes it easy for the operator to know the operating conditions at all times.

The three displays and seven led indicators let the operator see at a glance the operating conditions. Changing setpoints is as easy as holding down the button to the right of the displayed variable while pressing the up or down arrow keys.

The operator can set the start and stop temperatures as well as the ramp rate in degrees / hour by pressing one button and the up or down arrows. The elapsed time of the process displayed by pressing the hours button.

The optional EIL3100 expansion board adds an external fail-safe alarm, communications and 110/220VAC power supply.

The optional EIL3200 alarm unit can connect and monitor up to 254 controllers for alarm conditions. Should an alarm occur two relay outputs can activate a local annunciator and an auto-dialer. The EIL3200 can log conditions from all connected controllers and connect via modem to a remote personal computer running EIL3000 Supervisory software.

The EIL3000 supervisory software can connect sequentially to 4 remote sites, each with up to 254 controllers. All operating conditions can be monitored and changed from the remote PC. The software can also download historical data logged by the EIL3200 and graphically display the data.

It can be programmed as either a ramp and soak or delta T controller.

Ask for or download from our web site the operating manuals for the control system, multi-point alarm and



PC software.

## TECHNICAL DATA

Inputs:	Three 100 ohm RTD's
Display:	Three 3 digit 7 segment LED displays, which can be programmed in Fahrenheit or Celsius for temperature sensors. They also display operating conditions such as ramp rate and hours of operation. 7 point LED annunciators
Relays:	Two, 10A at 250 VAC
Analog:	0-10 volts in 64 steps
Supply:	24 V AC/DC or 115/230VAC with expansion module
Operating range:	0...100C or 32...212F

## ORDERING DATA

EIL3000	temperature and humidity controller
EIL3100	expansion module
EIL3200	Multi-point alarm unit
EIL3000/SVS	Supervisory Software

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