

## New EPC3016 & EPC 3008

### EPC3016P1

Programmable temperature controller

- 1 program with 24 segments
- Ramp, dwell, step, call, end segments
- 2 x relay
- Ethernet communication fitted
- certified for cybersecurity communications robustness

This controller offers programmable control in which 24 segments may be set as ramp, step or dwell and may also be configured to control relays. Ethernet communication is fitted as standard. If precise temperature control is required over a wide range of temperatures, the EPC3016P1 allows the use of multiple PID terms (gain scheduling). This feature is not enabled as standard, but can be activated on request.



### EPC3008P10

Programmable temperature controller

- 10 program with 24 segments
- Ramp, dwell, step, call, end segments
- 3 x relays
- Ethernet communication fitted
- certified for cybersecurity communications robustness

This controller offers programmable control in which 24 segments may be set as ramp, step or dwell and may also be configured to control relays. Ethernet communication is fitted as standard. The EPC3008P10 provides a comprehensive information display. If precise temperature control is required over a wide range of temperatures, the EPC3008P10 allows the use of multiple PID terms (gain scheduling). This feature is not enabled as standard, but can be activated on request. The EPC3008P10 can also store and retrieve 10 programs.



## Temperature controller features and options

Temperature controller model	EPC3016P1	EPC3008P10	CC-T1	nanodac
<b>Furnace control</b>				
Number of programs	1	10	10	100
Number of segments per program	24	24	24	25
Relay operated options (e.g. solenoid valve, cooling fan, door lock, etc.) maximum	2	3	2	3
Cascade control	No	Optional	Optional	Optional
Auto tune	Yes	Yes	Yes	Yes
<b>User interface</b>				
Screen Resolution	4 digits + 16 segment scrolling text	4.5 digits + 5 character 16 segment text + 16 segment scrolling text	TFT colour LCD 480 x 272 pixels	TFT colour LCD 320 x 240 pixels
Screen size (inch)	1.6"	2.5"	4.3"	3.5"
Interface	4 buttons	4 buttons	Touchscreen	4 buttons
Start time configurable (e.g. to use night power rates)	No	No	Yes	Optional
Real-time clock with calendar	No	No	Yes	Yes
Data logging of process data with USB-flash drive	No	No	Yes	Yes
Data logging to secure file	No	No	No	Yes
Programming and data logging software	Optional	Optional	Optional	Optional
User levels	Yes	Yes	Yes	Yes
Program names displayed	Program number	Program number	Individual program name	Individual program name
Choice of languages	5	5	8	5
<b>Communications</b>				
Ethernet communication connection	Yes	Yes	Yes	Yes
Certified for cybersecurity communication robustness	Yes	Yes	Yes	Yes
USB connection (for data export)	No	No	Yes	Yes