

Temperature Controllers

for Source Sampling

Apex Instruments offers customizable temperature controllers for CEM applications where there is a need to control temperature. Our temperature controllers are made with a panel-mounted circuit breaker and a separate solid-state output relay for high output reliability.

The temperature controllers feature the Fuji controller, an advanced 1/32 DIN temperature controller with self-tuning, a large LED display, and an easy-to-use 3-button keypad for temperature input.

The dual station controllers can be used in configurations that require control of any two heated devices such as the probe/oven combination or the probe/heated sample line.

Benchtop Model - Single Station

Features:

- Compact and lightweight design
- Stackable, metal enclosure
- Vertically-mounted heatsink
- Solid-state relay
- Customizable
- Dimensions: 4" x 4" x 6"



BENCHTOP SINGLE STATION TEMPERATURE CONTROLLER LEGEND

ICS-XR1 - - -

Unit Configuration:
F = Fahrenheit
C = Centigrade

Receptacle (Outlet):
515 = 120V/15A (N. Amer)
520 = 120V/20A (N. Amer)
C13 = IEC 120V/15A (N. Amer)
10A (Int.)
C13V = IEC 240V/10A (Export ONLY)
C19 = IEC 120V/20A (N. Amer)
16A (Int.)
C19V = IEC 240V/16A (Export ONLY)
L620 (Locking) = 120V/20A (N. Amer)
L620 (Locking) = 240V/20A (N. Amer)

Handle or Clamp:
BLANK = Neither
H = Handle
P16 = Probe Mount (1" Aluminum Clamps)

MARKETING LEGEND
(rev 2-3-2020)

Rugged Model - Single Station

Features:

- Compact and lightweight design
- Portable, rugged enclosure
- Durable diecast exterior
- Convenient carrying handle option
- Customizable
- Dimensions: 7.5" x 6" x 3.25"



RUGGED TEMPERATURE CONTROLLER LEGEND

ICD-XR - - -

Number of Stations:
1 = One Station
2 = Two Stations
(*Duplicate Receptacles)

Unit Configuration:
F = Fahrenheit
C = Celsius

Receptacle (Outlet):
515 = 120V/15A (N. Amer)
C13 = IEC 120V/15A (N. Amer)
10A (Int.)
C13V = IEC 240V/10A (Export ONLY)
C19 = IEC 120V/20A (N. Amer)
16A (Int.)
C19V = IEC 240V/16A (Export ONLY)

Handle or Clamp:
Blank = Neither
H = Handle
P16 = Probe Mount (1" Aluminum Clamps)
P12 = Probe Mount (3/4" Aluminum Clamps)

MARKETING LEGEND
(rev 4-28-2020)

Weather-Resistant Model

Features:

- Designed and tested to withstand the effects of any adverse weather
- Rain/moisture-resistant
- Safe to use in hot or cold weather
- Uses stainless steel guard rails to protect the controller and ensure proper use
- Dimensions: 19" x 3.5" x 13"



WEATHER RESISTANT SINGLE STATION TEMPERATURE CONTROLLER LEGEND

ICW-XR1 -

Unit Configuration:

F = Fahrenheit
C = Centigrade

Receptacle (Outlet):

515 = 120V/15A (N. Amer)
520 = 120V/20A (N. Amer)
C13 = IEC 120V/15A (N. Amer)
10A (Int.)
C13V = IEC 240V/10A (Export ONLY)
C19 = IEC 120V/20A (N. Amer)
16A (Int.)
C19V = IEC 240V/16A (Export ONLY)

MARKETING LEGEND (rev0 2-7-2020)

Benchtop Model - Dual Station

Features:

- Compact and lightweight design
- Stackable metal enclosure
- Vertically-mounted heatsink
- Solid-state relay
- Customizable
- Convenient carrying handle
- Dual temperature control
- Dimensions: 7" x 7.5" x 8.5"



BENCHTOP DUAL STATION TEMPERATURE CONTROLLER LEGEND

ICS-XR2 -

Unit Configuration:

F = Fahrenheit
C = Centigrade

Receptacle (Outlet):

515 = 120V/15A (N. Amer)
520 = 120V/20A (N. Amer)
C13 = IEC 120V/15A (N. Amer)
10A (Int.)
C13V = IEC 240V/10A (Export ONLY)
C19 = IEC 120V/20A (N. Amer)
16A (Int.)
C19V = IEC 240V/16A (Export ONLY)
L520 (Locking) = 120V/20A (N. Amer)
L620 (Locking) = 240V/20A (N. Amer)

Optional Secondary Output:

S = 4 Pin Amphenol (Standard)(END OF LIFE)
(Size 14S Shell - Female/97 Series)
A = 5 Pin Amphenol
(Size 14S Shell - Male/97 Series)
B = 5 Pin Amphenol
(Size 14 Shell - Bayonet Style/PT Series)
C = 5 Pin Amphenol
(Size 16S Shell - Male/97 Series)
D = 4 Pin Amphenol
(Size 14S Shell - Male/97 Series)

ENGINEERING & MARKETING LEGEND
(rev0 2-3-2020)

Rack-Mountable Model

Features:

- 19" rack-mountable
- 2U rack spacing
- Up to 4 stations
- Custom configurations

