

C-6100E

Digital Logic Concentration Controller

One-Step Concentration Controller



Simple Digital Controls

BetaSet® digital set and control methodology allows you to set the desired solution strength by adjusting the Beta Unit number. Just click up one beta unit to slightly increase solution strength.

Clear Concentration Display

Bright LED's on the front panel digital readout display solution strength in Beta Units. You will know at a glance what your chemical solution status is at the particular moment. Temperature may also be displayed in programming mode.

Adjustable Feed Rate

Chemical feed rate can be adjusted to 10-100% of full speed when the BetaSet® point approaches five units of the desired concentration. This reduces chemical wastage from overshooting the setpoint.

Low Detergent Alarm

When this feature is activated, and the setpoint is still not reached during and overfeed stop delay period (0-990 seconds), the unit will stop pumping detergent and alarm the operator. This prevents loss of product, and will require the operator to manually adjust the chemical concentration.

Temperature Compensation

When C-6100E is used with temperature compensating probe, the unit will automatically adjust chemical concentration as the water temperature fluctuates.



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Pulse Drive Conductive Probe Measurement

C-1600E's Pulse drive conductive probe circuit compensates for the effects of probe fouling, reducing problems of over or underfeeding.

SPECIFICATIONS

SIZE

9.25 W x 9.25 H x 3.75 D (inches)
23.5 W x 23.5 H x 9.52 D (centimeters)

WEIGHT

6.5 lbs (3 kg)

CABINET

Type 304, Brushed Stainless Steel

MOUNTING

Wall mounted via external flanges

POWER

Multiple input voltage transformer:
115, 208, 230 VAC ($\pm 10\%$), 50/60 Hz
40 VA output

OPERATING TEMPERATURE

+36° to 120° F
+2° to 40° C

OUTPUT RELAY

24 VAC coil, single pole single throw (SPST)
Normally Open contact max 250 Volts, max 8 A (continuous duty),
15 A max inrush current.

FUSE

Circuit board mount 250 Volts, 1 A-AGC



ORDERING INFORMATION

For further assistance, or to place an order, please call our Customer Service Desk at (800) 858-2382.

Please refer to the following item numbers when placing your order to ensure accurate and rapid processing of your order.

Item #	Description
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050560	C-6100E
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Conductivity and Temperature Probe Options for the C-6100E

Item #	Description
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035740	CTP-3250
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035741	CTP-3150
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035712	CTP-2150
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035713	CTP-1104
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040022	CP-3408
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018165	TP-1100
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035711	TP-2100
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NOTE

Design and specifications are subject to change without notice.



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