

CONDUCTIVITY CONTROLLER & CHEMICAL METERING PUMP. PUMP AND CONTROLLER TOGETHER IN ONE UNIT... ALL DIGITAL.

- Microprocessor Controlled
- Control Relay Output for Solenoid
- Four Selectable Feed Timer Options
- NEMA 4X Style Enclosure
- Splash Cover Over Controls
- Double Ball Guided Check Valves
- LCD Backlit Display
- Widest Turn Down Capability
- Thermal Overload Protection
- Priming Valve Standard

Application

The CMS-IV combines chemical metering and control relay output functions in one simple unit. The pump/controller combination provides the lowest cost package system for a wide variety of water treatment applications.

Selectable Feed Timer Options

No timer... this is the standard selection that allows the pump to feed simultaneously with bleed.

Lockout Timer... chemical feed is simultaneous with bleed, but pump operation can be limited from 1 to 90 minutes during any bleed cycle, thereby preventing overfeed.

Post-Bleed Timer... chemical feed is set to occur after bleed, and can be set for 1-100% of the time the unit bleed. A maximum feed time limit of 1-240 minutes can also be set.

Water Treatment

CMS-IV



Percent Timer... chemical feed is turned on for 1-100% of a 10-30 minute repeating cycle time.

Pulse Timer... at this setting, timer accepts pulses from a make-up contacting head water meter. It can accumulate 1-99 contacts to activate feed timer, and timer can be set from 1 second to 10 minutes 59 seconds.

Packaging

4610-4

4608-4 (Complete CMS-IV System with solenoid valve)

CMS-IV

Specifications Dimensions

Electrical:

Input - 120 VAC or 240 VAC @ 50/60 Hz
Output - Relay rated to 5 amp @ 240 VAC

Operational:

Display - 16 character LCD backlit
Stroke length - Manual adjustment
Speed frequency - 1 to 7500 strokes/hour
Conductivity scale - 0-6,000 μ S

Selectable Timers:

Pulse - 0-60 min, 0-60 sec w/accumulator
Limit Timer - 0-90 minutes
Percent - 0-99% of 10-30 minutes

Enclosure:

Heavy duty NEMA 4X type high impact thermoplastic with clear lexan cover.

Environment:

Ambient temperature 32° to 140°F
Relative humidity 0 to 100%

Optional Mounting Bracket:

Recommended for professional installation.
Keeps unit secure which is preferred since digital monitor is involved.

Shipping Weight:

Approximately 10 lbs.

