

- **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**

## **Conductivity Controller & Chemical Metering Pump. Pump and Controller Together In One Unit... all digital**

### **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  $\mu$ 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.

