



# Micrometrix<sup>tm</sup>



## COAGULANT DOSING CONTROL FOR WATER TREATMENT



**Model SCC**  
Patented

The MICROMETRIX<sup>TM</sup> MODEL SCC is a Streaming Current Controller which outputs a 4-20mA control signal to a suitable chemical feeder for a complete automatic dose control system based on streaming current measurement. The Model SCC also includes control logic for an optional self cleaning system.

## Streaming Current Controller

### FEATURES & BENEFITS

AUTOMATIC  
DOSE  
CONTROL

KEYPAD  
LCD  
INTERFACE

SELF  
CLEANING  
OPTION

EASILY  
RETROFITTED

OPTIMIZE  
TREATMENT

## FEATURES

AUTOMATIC  
CONTROL

OPERATOR  
FRIENDLY  
MENU

MODBUS  
INTERFACE

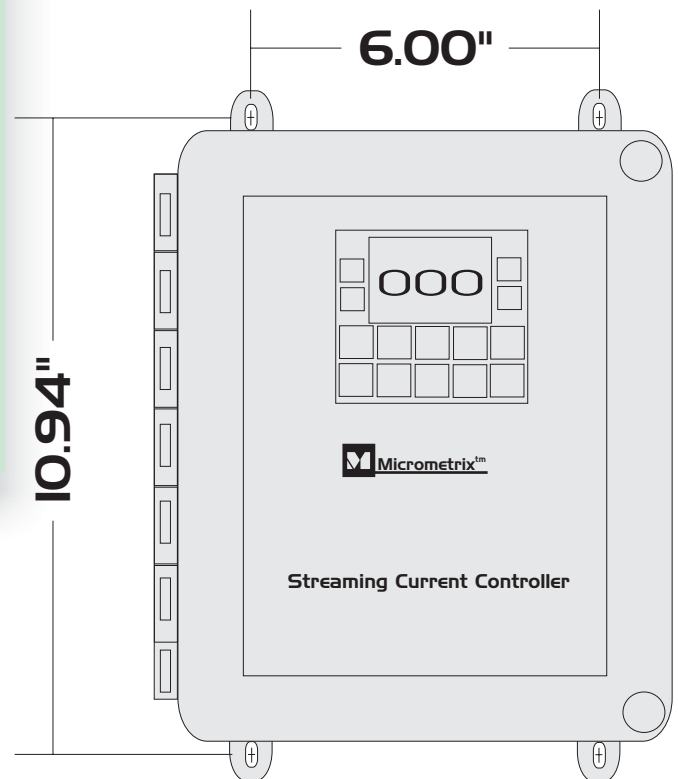
SELF  
CLEANING  
OPTION

SPECIFICATIONS	MODEL SCC
FUNCTION	SETPOINT CONTROL
POWER	110 VAC
RANGE	-1000 TO +1000MV
DISPLAY TYPE	LCD
INTERFACE	KEYPAD
PROGRAM	MENU
TUNING	PROGRAMMABLE
SELF CLEANING	OPTIONAL
INPUTS	4-20MA
OUTPUTS	4-20MA
COMMUNICATIONS	MODBUS (OPTIONAL)
DISCRETE	RELAYS
ZERO ADJUST	AUTO
ENCLOSURE	NEMA 4X
MOUNTING HOLES	10.94 H X 6.00 W

### Controller Specs

The controller shall be housed in a non-metallic NEMA housing. The controller shall provide a 4-20mA signal to automatically adjust chemical feeder to maintain the SCM set-point. The controller shall control optional sample and flush valves to provide automatic cleaning of the Streaming Current Sensor. The control signal shall be held constant during the automatic cleaning cycle to prevent process upsets.

The instrument shall be a Streaming Current Controller Model SCC as manufactured by Micrometrix Corporation, Suwanee, Georgia.



DIMENSIONS

REV 6-05