



Micrometrixtm



COAGULANT DOSING CONTROL FOR WATER TREATMENT



Model SCC
Patented

The MICROMETRIXTM 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**

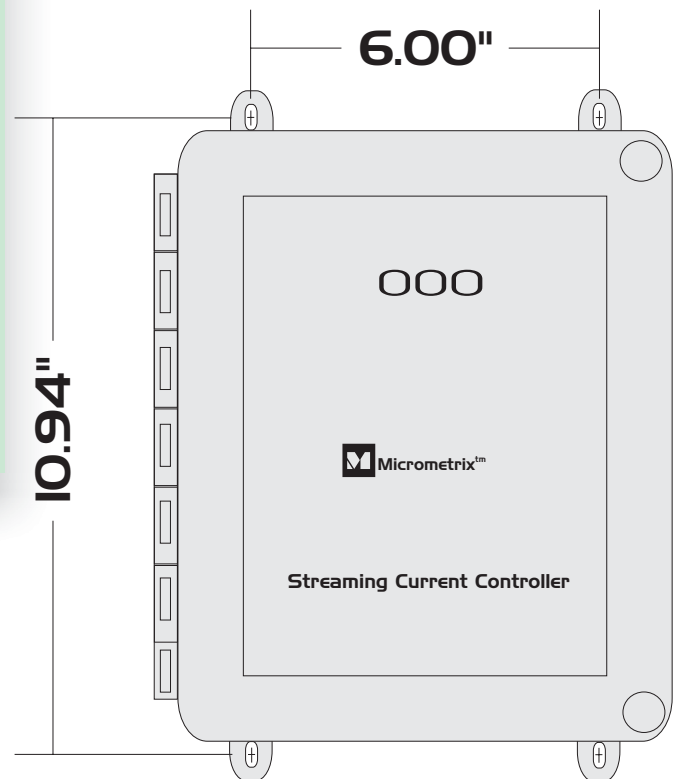
**MODBUS
INTERFACE**

**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

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