



Micrometrixtm



ULTRA-SENSITIVE WATER QUALITY MEASUREMENT



Model PM-I

Particle Monitor

Model PM-I

BENEFITS

OPTIMIZE
FILTER AND
CLARIFIER
OPERATION

MAINTAIN
WATER
QUALITY

EARLY WARNING
PROTECTION

EASILY
RETROFITTED

OPTIMIZE
TREATMENT

THE MICROMETRIXTM PARTICLE MONITOR IS AN ONLINE INSTRUMENT WHICH IS SENSITIVE TO PARTS PER BILLION LEVELS OF PARTICULATE CONTAMINATION IN LIQUID STREAMS. THE TECHNIQUE PROVIDES SENSITIVITY UP TO HUNDRED TIMES GREATER THAN TRADITIONAL TURBIDITY MEASUREMENT FOR PARTICLES LARGER THAN ONE MICRON. THESE INSTRUMENTS HAVE DEMONSTRATED THE ABILITY TO OPTIMIZE CLARIFIER AND FILTRATION PROCESSES.

FEATURES

SIMPLE
OPERATION

DIGITAL
DISPLAY

SIGNAL
OUTPUTS

SELF
DIAGNOSTIC

HIGH
SENSITIVITY

EASY
MAINTENANCE

SPECIFICATIONS	MODEL PM-1
MEASUREMENT	LIGHT OBSCURATION
POWER	110 VAC
RANGE	0 TO 9999
ACCURACY	0.10%
DISPLAY TYPE	LED
FLOW RATE	100 ML/MIN
HOSE CONNECTION	1/8" BARB TYPE
RESPONSE TIME	10 SECOND
DIAGNOSTICS	BARGRAPH LED
LIGHT SOURCE	INFRARED LED
OUTPUTS	4-20MA, HZ PULSE
COMMUNICATIONS	MODBUS (OPTIONAL)
ZERO ADJUST	NOISE REJECT
ENCLOSURE	NEMA 4X
MOUNTING HOLES	10.94 H X 6.00 W

DIMENSIONS

