

# ChemScan<sup>®</sup> mini Mn

## MANGANESE ANALYZER

*Real-time Data for Process Monitoring, Cost Control*

The new single parameter in-line analyzer family from ASA Analytics utilizes years of ChemScan<sup>®</sup> experience and proven technology to provide reliable and accurate analysis of water and waste water. This device has been designed from the ground up to reduce maintenance requirements, includes large ID sample tubing to minimize plugging and only needs quarterly reagent refills.

### FEATURES

- Automatic Analysis Utilizing Proven Formaldoxime Method
- Low Maintenance
- Proven Sample Handling with Large I.D. Flow Paths
- Simple Field Adjustable Calibration
- Sample Blank to Eliminate Background Interference
- Automatic Cleaning

### CAPABILITIES

- Automatic Analysis
- Continuous Output
- Multiple Data Communication Interface Options

### APPLICATIONS

- Potable Water
- Wastewater Effluent

### BENEFITS

- High Reliability
- Low Capital Cost
- High Accuracy
- Low Operating Cost

### SPECIFICATIONS

Range:	0.002 - 8.0 mg/L
Accuracy:	2% of value or 2x detection limit (whichever greater)
Cycle Interval:	5 minutes to 9999 minutes (field programmable)
Environment:	5 - 50 degrees C (method dependent)
Power:	100 - 240 VAC, 50 W
Enclosure:	NEMA 4X
Safety Approval:	CSA-US
Sample Requirements:	0.5 - 1 Liter/analysis, pressure 2 to 10 psi, <150 mg/L TSS, <60 NTU
Maintenance:	Reagent replacement every 3 months, pump kit yearly
Relay Contacts:	1 SPDT Concentration, 1 SPDT Programmable
Serial Interface:	RS-232 Maintenance Port
Analog Output:	Isolated 4-20 mA



**asa**  
ANALYTICS

*"Monitoring a World of Water"*

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