

ChemScan® mini Silica

Real-time Data for Process Monitoring, Cost Control

The new single parameter in-line analyzer family utilizes years of ChemScan experience and proven technology to provide reliable and accurate analysis of water and wastewater. 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 (as SiO ₂):	0.05 - 15.0 mg/L (Method #1058)
Accuracy:	2% of value or 2x detection limit (whichever greater)
Cycle Interval:	7 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

ChemScan
An **In-Situ** Brand

"Monitoring a World of Water"

ChemScan, Inc.
2325 Parklawn Drive, Suite I, Waukesha, WI 53186
262-717-9500, Fax 262-717-9530

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ChemScan.com