

# ChemScan® mini oP

## ORTHO-PHOSPHATE ANALYZER

Monitor Your Process with Real-time Data and Control Costs!

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 ChemScan's Proven VMO 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
- EPA Recognized Analysis Method



### SPECIFICATIONS

Range (as PO <sub>4</sub> ):	0.1 - 9.0 mg/L (Method 1005), 0.3 - 18.0 mg/L (Method 1006)
Range (as PO <sub>4</sub> - P):	0.03 - 3.0 mg/L (Method 1003), 0.1 - 6.0 mg/L (Method 1004)
	Additional Ranges Available
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

**ChemScan**  
An  In-Situ Brand

"Monitoring a World of Water"

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