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.

APPLICATIONS
- Potable Water
- Wastewater Effluent

BENEFITS
- High Reliability
- Low Capital Cost
- High Accuracy
- Low Operating Cost
- EPA Recognized Analysis Method

FEATURES
- Automatic Analysis Utilizing ChemScan's Proven VM0 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

SPECIFICATIONS
- Range (as PO₄): 0.1 - 9.0 mg/L (Method 1005), 0.3 - 18.0 mg/L (Method 1006)
- Range (as PO₄ - 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

"Monitoring a World of Water"

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