

ChemScan[®] mini oP

ORTHO-PHOSPHATE ANALYZER

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

The new single parameter in-line analyzer family from ASA Analytics utilizes years of ChemScan[®] 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 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 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



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ANALYTICS

"Monitoring a World of Water"

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