

Mini oP

Ortho-phosphate analyser

The single parameter in-line analyser family from ChemScan® utilises years of 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 minimise plugging and only needs quarterly reagent refills.

Features

- ◆ Automatic Analysis Utilising 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

Benefits

- ◆ High Reliability
- ◆ Low Capital Cost
- ◆ High Accuracy
- ◆ Low Operating Cost
- ◆ EPA Recognised Analysis Method

Capabilities

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

Applications

- ◆ Portable Water
- ◆ Waste Water Effluent
- ◆ Wastewater Inlet



Technical Specifications

Range (as PO4)	0.09 - 9.0 mg/L (ppm) (Std), 0.3 - 18.0 ppm
Range (as PO4 - P)	0.03 - 3.0 mg/L (ppm) (Std), 0.1 - 6.0 ppm
Accuracy	2% of value or 2x detection limit (whichever greater)
Cycle Time	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 5 ft 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	Serial, RS-232 Maintenance Port
Analog Output	Isolated 4-20 mA