

# 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

<b>Range (as PO4)</b>	0.09 - 9.0 mg/L (ppm) (Std), 0.3 - 18.0 ppm
<b>Range (as PO4 - P)</b>	0.03 - 3.0 mg/L (ppm) (Std), 0.1 - 6.0 ppm
<b>Accuracy</b>	2% of value or 2x detection limit (whichever greater)
<b>Cycle Time</b>	5 minutes to 9999 minutes (field programmable)
<b>Environment</b>	5 - 50 degrees C (method dependent)
<b>Power</b>	100 - 240 VAC, 50 W
<b>Enclosure</b>	NEMA 4x
<b>Safety Approval</b>	CSA-US
<b>Sample Requirements</b>	0.5 - 1 Liter/analysis, pressure 5 ft to 10 psi, <150 mg/L TSS, <60 NTU
<b>Maintenance</b>	Reagent replacement every 3 months, pump kit yearly
<b>Relay Contacts</b>	1 SPDT Concentration, 1 SPDT Programmable
<b>Serial Interface</b>	Serial, RS-232 Maintenance Port
<b>Analog Output</b>	Isolated 4-20 mA