

Process Analyser

Measuring: Ammonia / Ortho-Phosphate / Nitrate / Nitrite / Manganese / MonoChloramine / Chlorine / Free Ammonia / UVT 254

The ChemScan® on-line analysers provide operators and control systems with timely process chemistry measurements. This data is used to control and optimise the process; resulting in increased plant capability, reduced energy and chemical usage along with monitoring the process.

ChemScan Features

- ◆ Configured to monitor samples and/or parameters
- ◆ Real-time spectrographic chemical analysis using advanced pattern recognition techniques
- ◆ Easily interfaced to SCADA systems (4-20mA, MODBUS or Ethernet)
- ◆ Extensive internal data logging
- ◆ Self monitored diagnostics and alarms
- ◆ Internal manifold with inlets for auto zeroing, auto cleaning and calibration samples

Potable Water Monitoring

- ◆ Chloramination Monitoring
- ◆ Water Blending
- ◆ Organics Detection
- ◆ Nitrification Avoidance

Wastewater Nutrient Monitoring

- ◆ Nitrification Analysis
- ◆ De-Nitrification Control
- ◆ Chem or Bio Phosphorous Removal
- ◆ Nutrient Deficiency Analysis
- ◆ SBR End Point Detection
- ◆ Toxicity/Rapid BOD Analysis



ChemScan® Process Analysers

Model	Up to	Parameters
UV-2250	Four Sample Lines*	Analysis of one reagent-assisted parameter such as ammonia or phosphate
UV-4200	Two Sample Lines*	Analysis of up to four compatible parameters using primary and secondary analysis

* If samples are unfiltered