Chemscan UV 2250/S Chloramination Analyser

The ChemScan UV-2250/S Chloramination Analyzer provides operators with timely process chemistry measurements to optimize the difficult-to-control chloramination process. The analyzer provides data to ensure proper disinfectant while minimizing disinfection by-products (DBPs) and nitrification potential. This reduces the need for frequent manual sampling or laboratory analysis while producing the best water quality.

The ChemScan UV-2250/S is equipped with a Graphic User Interface built to handle the challenges of a municipal/industrial environment. The display simplifies navigation making the analyzer user friendly. Large display numbers allow the operator to view current parameter values at a glance. And maintenance and troubleshooting videos can be accessed and viewed on the display.

ChemScan Features:

- Simple to use and maintain
- Designed for the harsh in-plant operating environment
- Reagent-assisted, multiple-wavelength UV absorbance technology ensures accuracy across varying water conditions
- Clog-proof, internal, multi-sample line manifold
- Automatic zero calibration and cleaning eliminates electrical optical drift and flow cell fouling
- Benign, inexpensive reagents
- No ion-specific electrodes to clean or replace
- Multiple data communication options with plant SCADA
- Simple Wand Filtration system drastically reducing maintenance and costs

Benefits:

- Ensures process conformance
- Controls energy and chemical costs
- Confirm plant compliance in real time
- Improve process performance
- Keep reagent and maintenance costs low
- >50 Installations throughout Australia

Specifications:

Measurement Principle:

- Reagent-Assisted, Multiple-Wavelength UV Absorbance Technology Using Pattern Recognition of Spectral Data

Sample Lines:

- 2

Parameters and Range per Sample Line (custom range available):

- Free Ammonia 0.02 - 1.00 mg/l as N
- Total Ammonia 0.02 - 2.00 mg/l as N
- Monochloramine 0.05 - 5.0 mg/l as Cl2
- Total Chlorine 0.05 - 5.0 mg/l as Cl2