



Hydroguard Water Monitoring

Cutting Edge Technology

Colorimetric measurement of chlorine is the industry and laboratory standard, but analysers based on this method tend to be expensive and difficult to maintain. Hydroguard Water Quality Analyser is the result of many years of development ensuring an optimised implementation of the colorimetric measuring process that features longterm reliability and low maintenance:

Colorimetric Calibration free chlorine analysers

Patents Pending:

ARM™ Active Regent Mixer

ASC™ - Automatic Self Cleaning

Internal Architecture of Bus Configuration

Modular Design allowing for simple customisation and field upgrades

Multi Parameter System

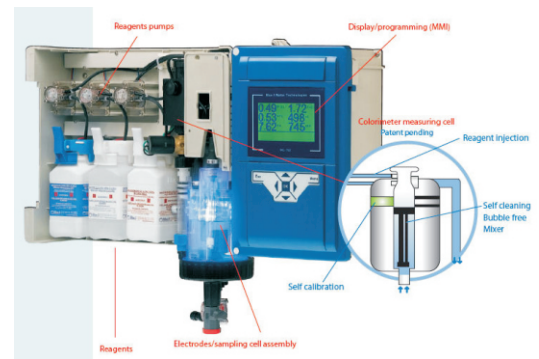
Up to 8 parameters

Free and Total chlorine in one unit



HydroGuard Water Quality Analysers have an intuitive, graphical user interface for easy set-up. With HydroGuard, you benefit from much longer maintenance intervals than with conventional systems.

Detailed maintenance reminders and alarms provide useful information about incidents, timing and causes so that you can respond effectively. HydroGuard Analysers perform self-calibration, self-cleaning and long-term stabilisation.



Manual procedures such as periodic reagent replacement are easy to perform and do not require specialised skills.

HydroGuard analyzers are modular and can be customised to meet your specific needs and requirements.

Any Combination of Measurements in a Single Unit!

Free Chlorine (using DPD)

Total Chlorine (using DPD)

Free Chlorine (Amperometric)

pH

Conductivity

Turbidity

Temperature

Redox (ORP)

Flow

Chlorine Testing-Free and/or Total

Most accurate, consistent readings (+/- 5%)

Consume VERY little reagents (~0.03mL/sample)

Self zero before each reading

Self-Cleaning Photocell

Electronics

IP-65 Rated Enclosures (NEMA 4 equivalent)

Electronics - SMT Technology

Separate boards for simple fast cost effective maintenance

Removable terminal blocks for fast connections

Minimum down-time for maintenance and repairs

A Tailored Solution for Every Industry

Municipal Water Treatment

Power Industry

Pharmaceuticals

Marine

Food and Beverage

Cooling Towers

Desalination Plants