



DHIR Green



WATER QUALITY



WATER QUALITY

VALIDATED OVER THE YEARS
IN A LARGE FIELD OF
APPLICATION

Solvay

Rhodia

Ineos

FPG Taiwan

Ciba Geigy

Sanofi

Aventis

PPG

Arkema

Asahi Glass

De Nora

Total

Samsung

Coca Cola

Lafarge

Mitsubishi

Petro Bras

Alstom...

APPLICATIONS

Drinking water

Quality control at all stages :
treatment, storage, distribution

Surface water

Study and design of surface
water monitoring stations

Waste water

Monitoring of industrial
or urban waste water

Process water

Quality control of
process water

Oil & Water

Oil in Water Detection &
Water in Oil storage tanks

PARAMETERS

TOTAL CHLORINE
FREE CHLORINE
MORPHOLINE
PHOSPHATES
AMMONIA
HYDRAZINE
COLOUR
PHENOLS
SILICA...

CHROMIUM VI
MANGANESE
ALUMINIUM
COPPER
NICKEL
IRON
LEAD
ZINC...

HARDNESS
THT
TA
TAC ...

CHLORIDES
CYANIDES
FLUORIDES
SULFIDES
ARSENIC
SULFATES ...

CERTIFICATIONS

Environment Organizations, Water production & treatment, Oil & Gas, Petrochemical industry, Refineries, Power stations, Paper mills, Metal, food and other industries, Oil rigs, Tankers, Etc ...

PROCESS CONTROL

Manufacturing industries

Drinking water

ONLINE water quality monitoring solutions for upstream and downstream purification processes.

Ensure the optimal quality all along the manufacturing and distribution network.

Process water

Integrated solutions for real-time water quality measurements suited to industrial processes.

ENVIRONMENT

Environmental protection and pollution control.

Surface water

REALTIME Monitoring stations or mobile laboratories, for the protection of surface water, spring water, rivers and groundwater.

Sea water

Prevention of sea water by hydrocarbon wastes: Oil tankers, Oil Rigs, Refinery wastes.



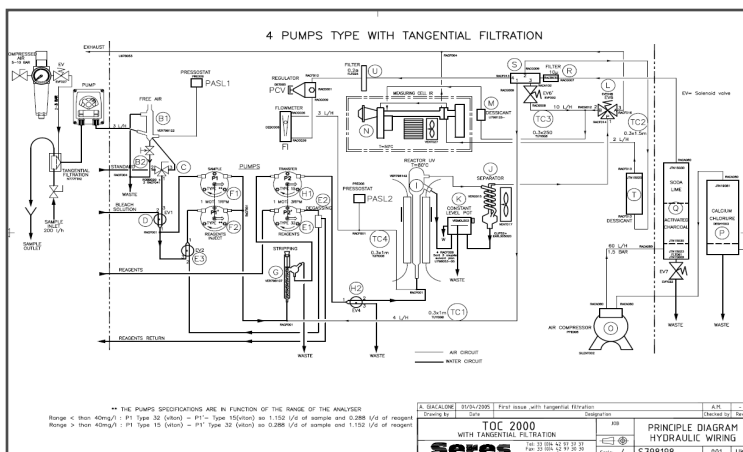
WATER QUALITY



AquaGas Scope of supply

From a stand alone analyser to a complete monitoring station (stationary or mobile) , AquaGas supplies turnkey systems fully integrated meeting the Australian standards and matching the exact project requirements.

Our system are delivered with a full set of documentation and a minimum warranty of one year which includes 24h/7 days email and phone support.



DHIR GREEN ONLINE WATER QUALITY ANALYSER

TOTAL HYDROCARBONS

Description

The **DHIR Green** analyser is an Infra-Red absorption spectrometer designed for **suspended and dissolved Total Hydrocarbons** continuous monitoring in water and industrial effluents. A **Regeneration unit** allows reducing the reagent's consumption and limiting the final waste. Self check and automatic calibration cycles ensure an optimal reliability and accuracy of the TH measurements.

Applications

Oil & Gas refineries, oil exploration

Control of industrial process Boiler cooling water / Process water

Drinking and Surface water Alert stations and environmental monitoring

Urban & industrial effluents

Water treatment



High performance Hydrocarbon ONLINE analysis



Key FEATURES

- ↪ PROGRAMMABLE MEASURING RANGE FROM 0-10 TO 0-100MG/L
- ↪ ONLINE MONITORING WITH 15 MINUTES MEASURING CYCLES
- ↪ TOTAL HYDROCARBONS (SUSPENDED AND DISSOLVED)
- ↪ LIMITED EXPOSURE TO SOLVENT
- ↪ MINIMAL REAGENT'S CONSUMPTION
- ↪ LIMITED WASTE BY THE USE OF A REGENERATION UNIT



Regeneration Unit

- Online installation
- Reduced solvent consumption
- Saturation Warning and Alarm
- Wall mounting housing

Automatic Zero Check	Programmable frequency, maximum interval 12h, on current solvent (same bottle)
Zero reference	Upon renewal of analyser tubing (every 3 months) or dismantlement of the measurement cell
calibration	Semi-automatic (injections with pre-conditioned syringes) - Every 3 months - using standard prepared at 75% of the Full Range. Upon renewal of tubing and columns.
HCl Acid & Hyamine	HCl 0.2N + Hyamine - 2 year storage
Acid consumption	5l/week

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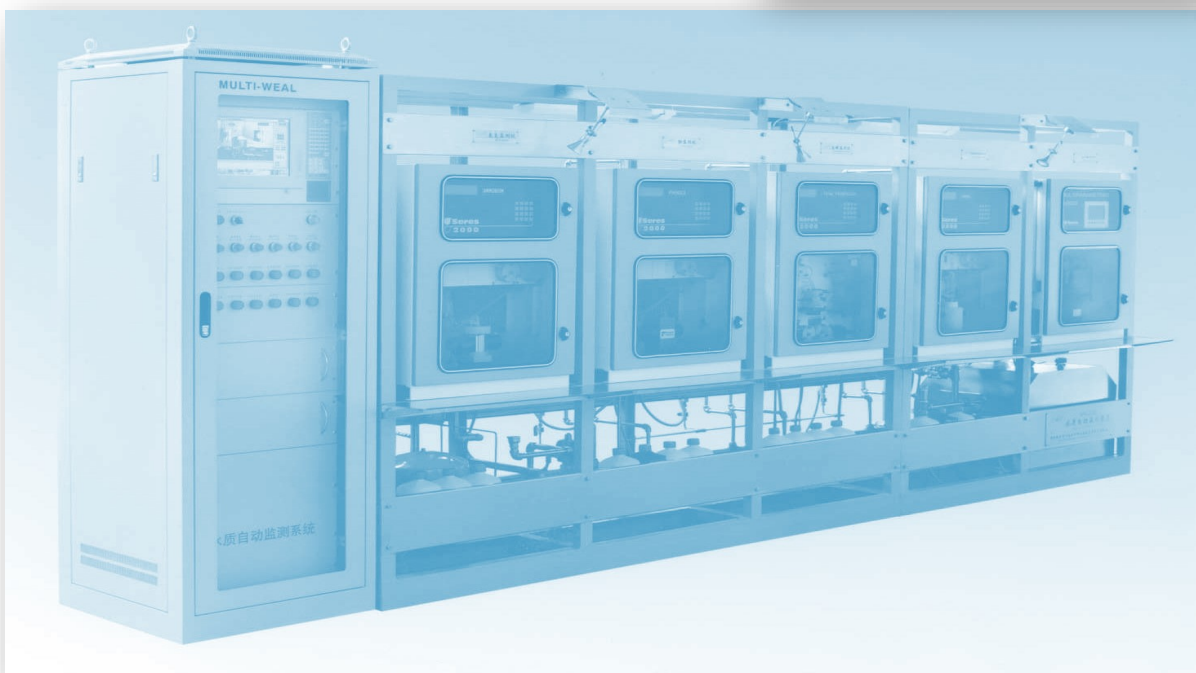
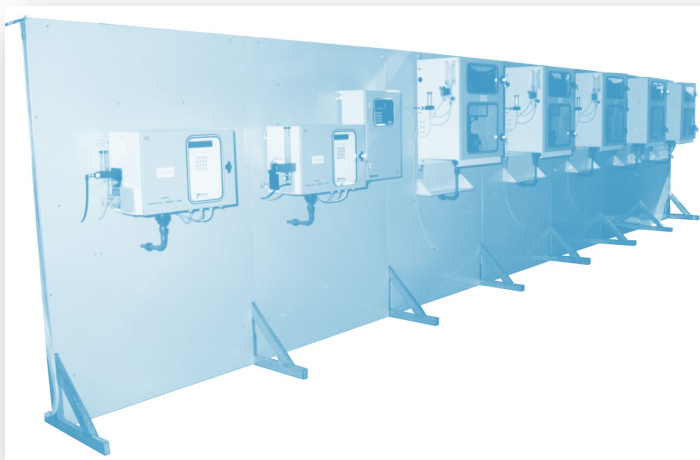
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Sea water

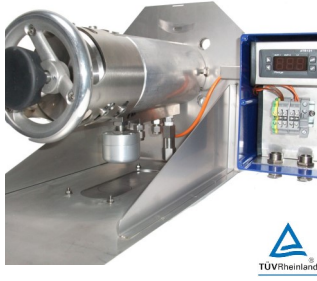
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WATER QUALITY

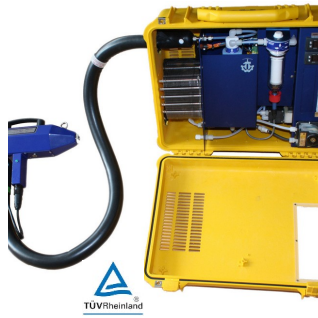


AquaGas Products and Services



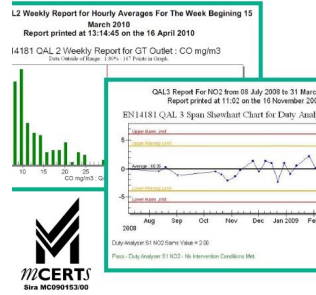
CEMS

System INTEGRATION
& Innovative
SAMPLING solutions



STACK TESTING

Portable equipment
for short term
measurement



DATA ACQUISITION

States EPA approved
Data Acquisition and
Handling Software



ONSITE

Maintenance
commissioning
Training



*"For the Environnement,
excellence comes as a standard"*

AQUAGAS SYSTEM INTEGRATION

More than 14 years of experience in **environmental monitoring**, AquaGas commitment in implementing innovative, reliable and cost effective solutions is undeniable. Our main focus is to meet your application requirements in due time while maintaining high quality service and relationship.

We have the **skills, products and services** in house with a full dedication to your monitoring needs, so please contact us when it comes to **environmental monitoring and industrial analysis**.

SERES Environnement analysers

SERES Environnement (FRANCE) is one of the major actors in the field of online analysis dedicated to **Water Quality Monitoring** in the industry and the environment. Outstanding experience, attentiveness, innovative and effective solutions are the strengths of SERES while meeting everyday challenges.

The ideal partner for Australian water quality monitoring.

Contact Us

Give us a call for more
information about our
services and products

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INTEGRATED SOLUTIONS TO MONITOR OUR ENVIRONMENT