Chemitec
Water Monitoring Solutions





Company Profile

2019

Chemitec

Water Monitoring Solutions



About us

Founded in 1984 in Florence (Italy), Chemitec operates in more than 80 countries and expanded its international presence by opening a subsidiary in Shanghai (China) in 2015.

Chemitec has a vast range of experience and expertise in water treatment and liquid chemical analysis. Chemitec designs, manufactures and distributes level and flow rate detection systems, analyzers and probes to industries worldwide.

With a reputation for quality and service, we specialize in developing highly-specific, customized and user-friendly products for our discerning clients.



Florence 1984



Shanghai 2015

Our Vision:

To lead the world in high-tech on-line water and liquid analysis

Our aim is to be the worldwide leader in on-line water and liquid analysis through new specific sensor development, ensuring an international presence, a customer-focused approach and a philosophy of continuous appraisal and improvement.



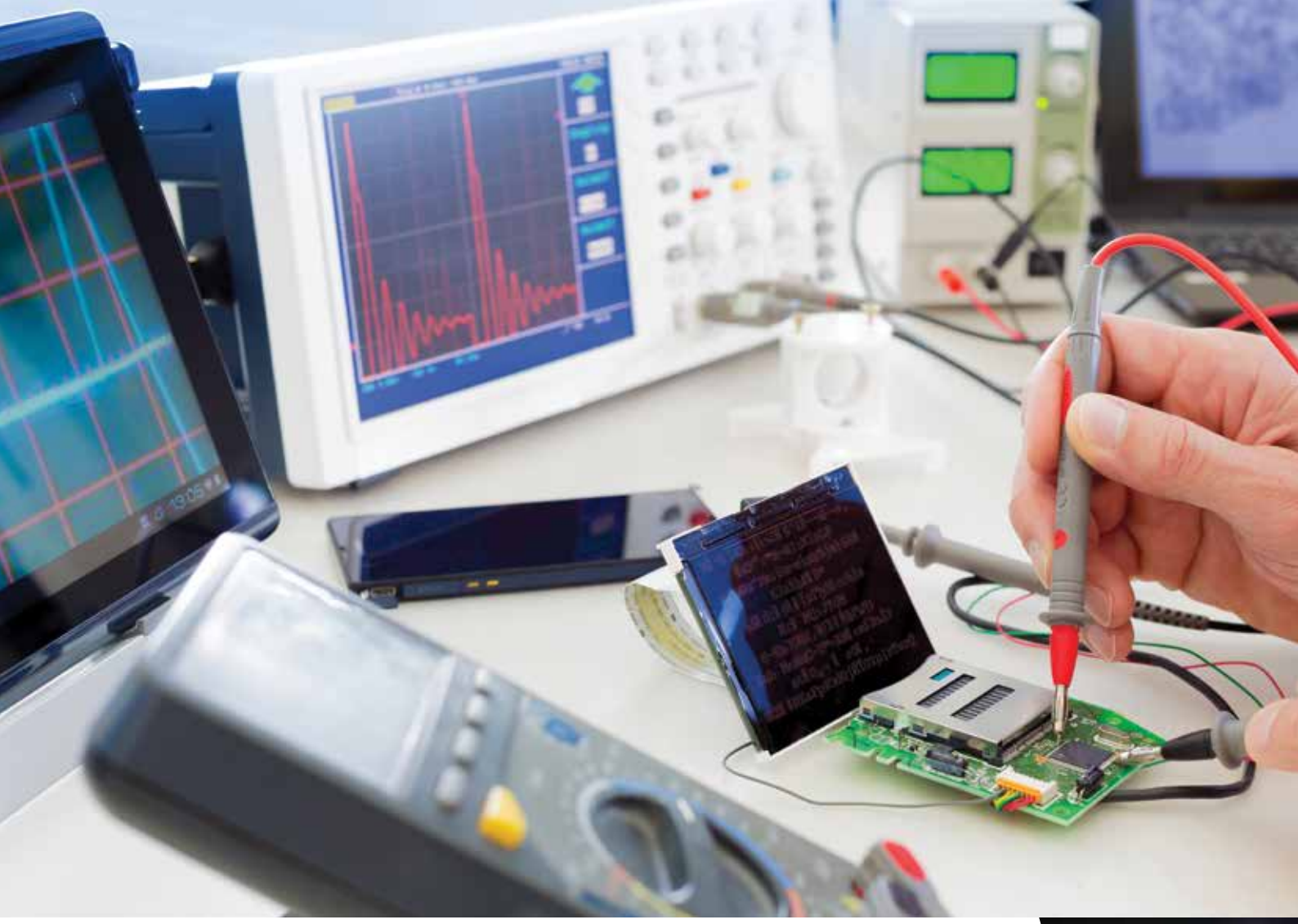




Our Mission:

To turn knowledge into innovation

Everyone at Chemitec is driven by a single purpose - to translate our knowledge and expertise into new and innovative products using our probe/sensor technology that not only fulfill customer requirements but provide user-friendly, cost-effective water-monitoring solutions.



Quality Assurance & Quality Control

As a quality-oriented company, Chemitec monitors and evaluates all aspects of design, planning (MRP), production (Kaizen) and after-sales support in order to guarantee customer satisfaction.

Quality standards

Chemitec develops its products according to the most demanding international quality standards (CE, UL, CSA, TR CU). The company's quality management system UNI EN ISO 9001:2008 is certified by DNV (DET NORSKE VERITAS).

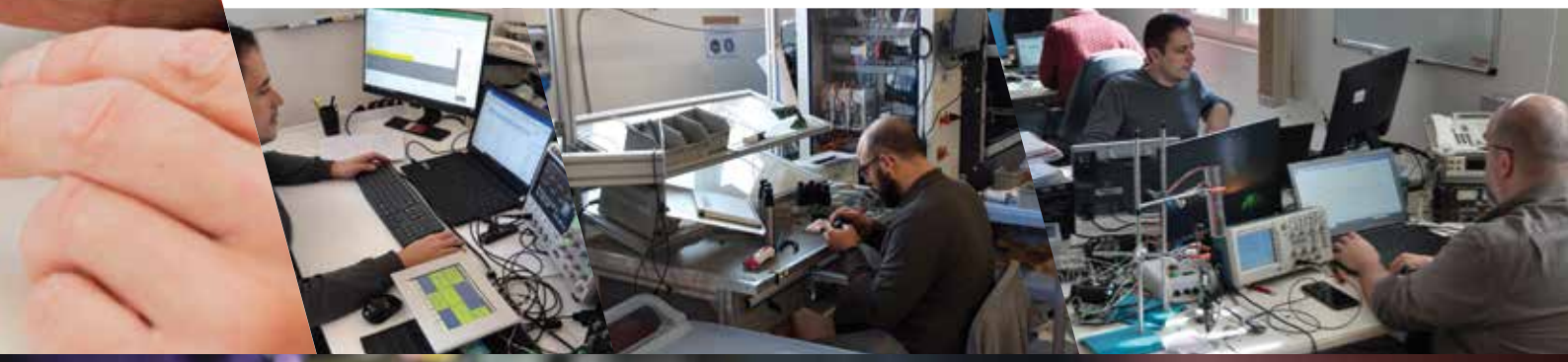
Chemitec's dedication to maintaining the highest standards in health and safety and environmental management is reflected in ISO14001 and ISO45001 certification from DNV (DET NORSKE VERITAS).



Research & Development

Research and development is at the heart of everything that we do at Chemitec.

With 35 years of R&D experience in the field, uncompromising quality and premium components, our team of highly-skilled engineers develop all of our products in accordance with individual customer specifications, ensuring optimum performance and reliability at the right cost.





Committed to customer satisfaction

Chemitec provides an experienced, professional and comprehensive technical consultancy service. We are focused on the individual needs of each customer, from the preliminary stages of the project through to design, manufacture and after-sales technical support.

Customer needs
our priority

Customer satisfaction
our target











Application fields

- Wastewater
- Drinking water
- Chemical process
- Industrial water
- Cooling towers
- Swimming pools
- Fish farming
- Chemical industry
- Pulp & paper
- Food & beverage
- CiP (Clean in Place)
- Electroplating
- Irrigation

Sensors



Dissolved Oxygen

Surface waters, fish farms, drinking water, wastewater, sea water.



Ammonia, Nitrate

ISE (Ione Selective Electrode) surface waters, industrial wastewater, zootechnical, process.



Turbidity

Range: 0-1000-4000 NTU, oleophobic glass coating, untreated water and well water, surface water, drinking water, process water, industrial and municipal wastewater, seawater.



Low Range

Drinking water, Food industrial, Range: 0-10-100 NTU, Resolution: 0.001, oleophobic glass coating.



pH/ORP

Input, output and biological treatment of wastewater. Industrial heavy-duty applications.



CL_2 CLO_2 O_3 PAA H_2O_2

Drinking water, surface water, water distribution, swimming pool, industrial.



Conductivity

Untreated water, drinking water, demineralization, reverse osmosis, ion exchange, water from conditioning systems and boilers, artesian wells.



Suspended Solids

Sludges from biological processes, chemical industry paper mills, food, extraction systems: quarries, tunnels, aggregate extraction.



NO_3, COD/TOC/BOD, PAH (oil in water), COLOR



OXYSMART

Hardware and software system for the complete management of small WWTP.

Utilizing I.S.E. and optical oxygen sensors in unique control algorithm.



S250

O.U.R. Test

Complete portable system to measure oxygen uptake rate in biomass.

Controllers



50 Series
Plug & play multi-parameter control instrument

For digital sensors, plug & play system set up.



42 Series
Process control instrument

For analogue and digital sensors.



30 Series
pH / Redox - conductivity control instrument

Basic controllers dedicated to pH / Redox and conductivity. Panel mounting.

Analyzers and Samplers



COLORTEC
Automatic on-line colorimetric analyzer

Aluminum; Ammonia; Chrome VI; Iron; Phosphates; Manganese and others on request



SF 100 / UF TEC
Filtration systems for analyzers

extraction or immersion type



4001 Series
Photometric measuring instrument

Chlorine; Chlorine dioxide; Ozone; Peracetic Acid.

Sampling systems
Thermostated, stationary, self-emptying portable and sampling heads



Flow rates





S103 C

Electromagnetic meters

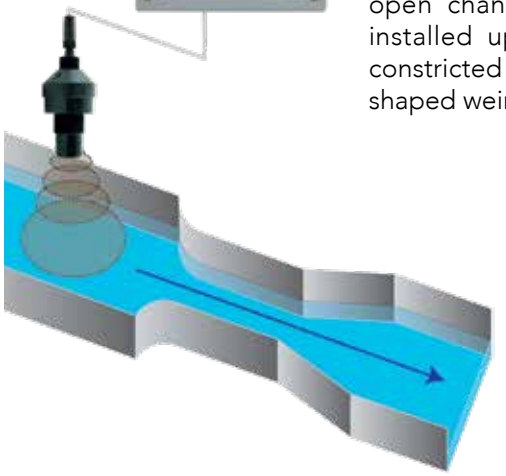
- For measurements in pressurized full section piping
- Suitable for clean and dirty water with conductivity of at least 5 µS
- Available with different types of flanges; wafer, sanitary connections
- High power / low voltage or battery



4204 Series

Ultrasonic meters

For measurements in open channels to be installed upstream of constricted sections or shaped weirs.







Ultrasonic “transit time” meters

For measurements in pressurized full section piping

- Suitable for clean water, non-conductive liquids, chemically-aggressive products and oils



Ultrasonic “doppler” effect meters

For pressurized piping with liquids with a high content of suspended solids and sludge



“Area x velocity” Meters

For measurements in open channels without restrictions, partially-filled piping

Pressures



Piezoresistive and capacitive

Sensors for applications in the water treatment and industrial processes

Differential pressure

Sensors for pressure and flow measurement

Levels



4204 Series

Level/differential meter
to control up to five pumps



Ultrasonic and piezometric sensors



Radar and guided microwave sensors

Capacitive Sensors

Continuous measurement or
ON/OFF control

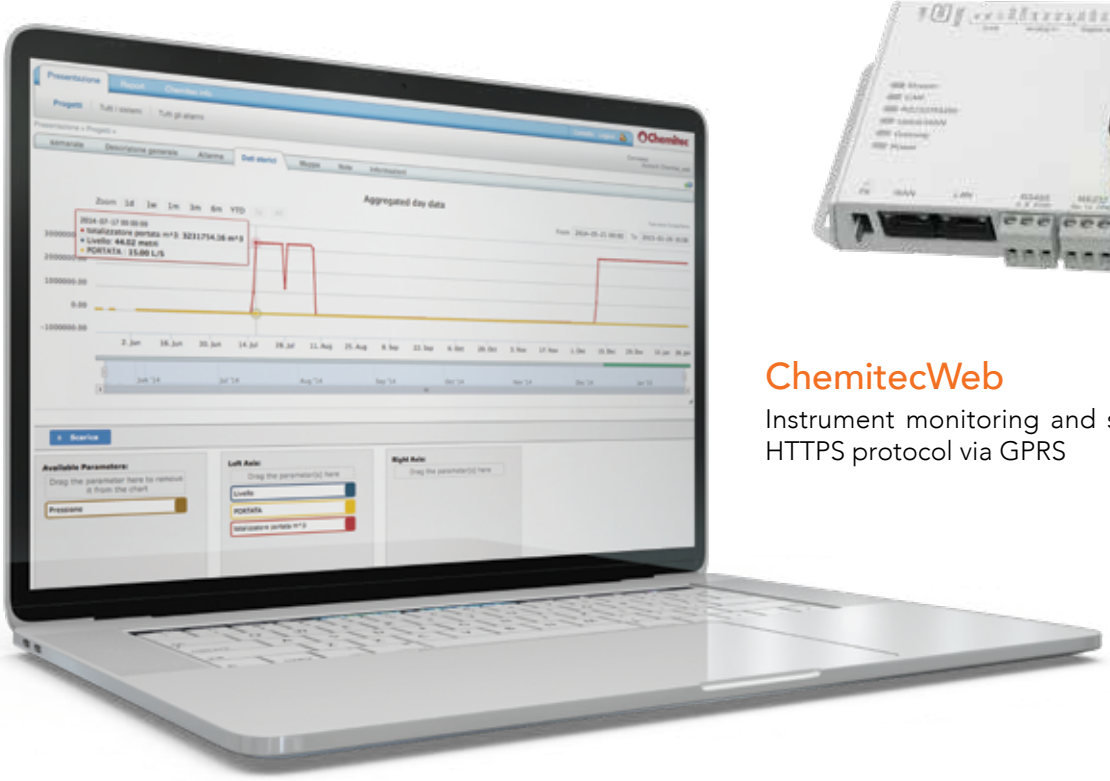


ECHOSMART™

Sludge interface level measurement

Ultrasonic measuring system with submerged sensor (sonar)

Web remote control

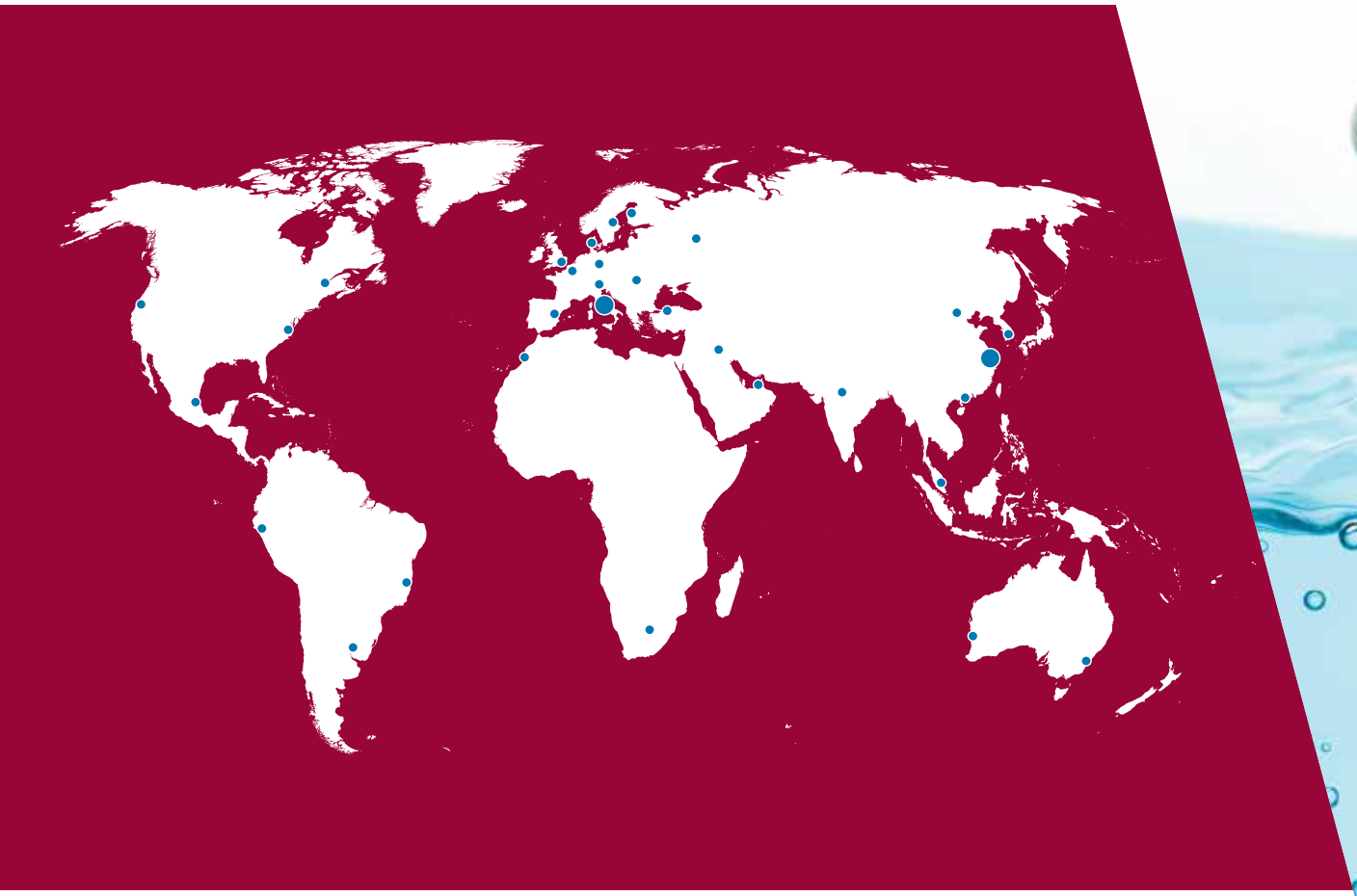


ChemitecWeb

Instrument monitoring and set-up through HTTPS protocol via GPRS

Worldwide Distributor Network

Thanks to flexible and reliable instruments, user friendly solutions, outstanding technical skills and continuous improvement, we are selected as an ideal partner and continue to increase our international presence:





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