



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).

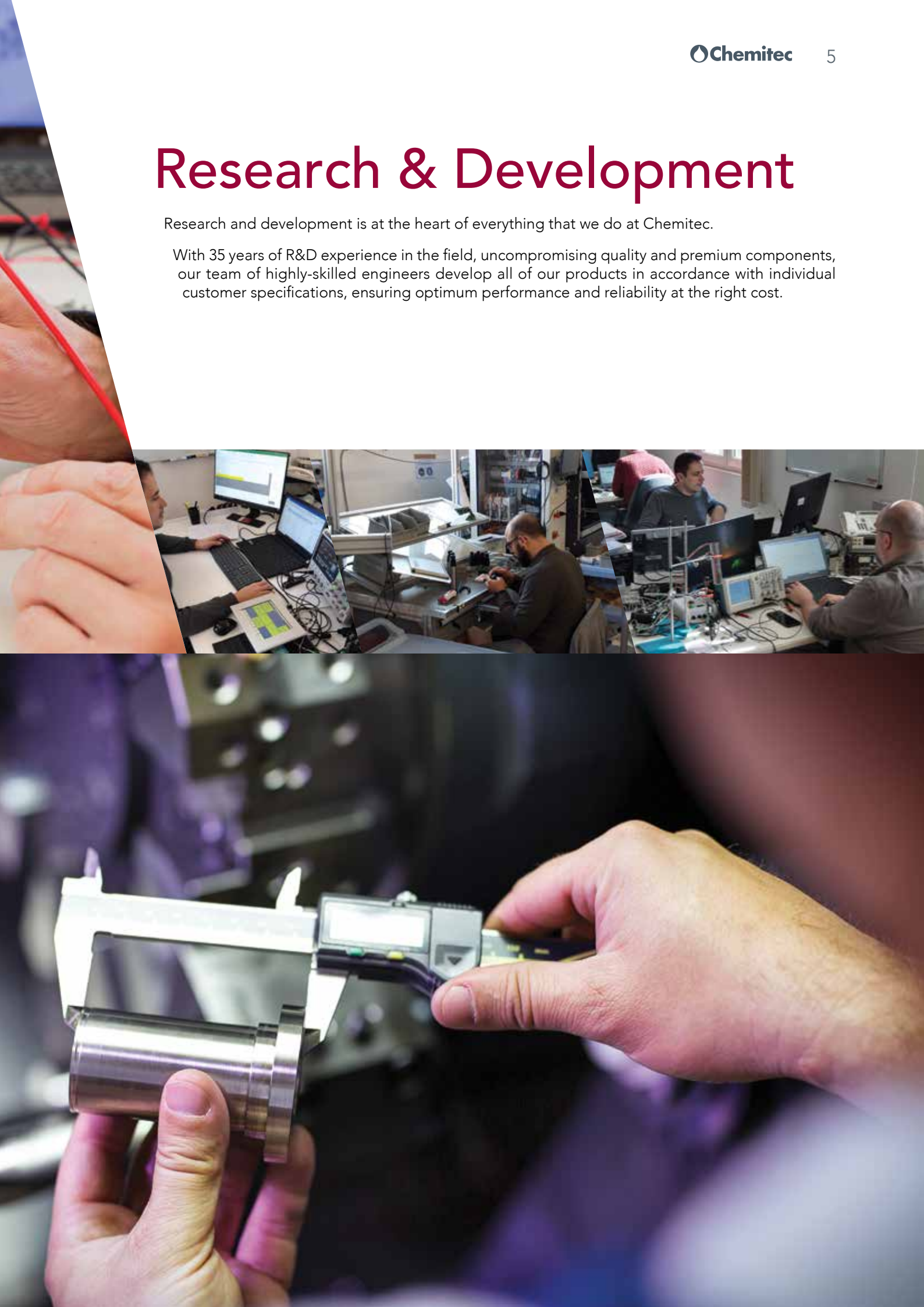
Chemitec's dedication to maintaining the highest standards in health and safety and environmental management is reflected in ISO14001 and ISO45001 certification from DNV (DET NORSKE VERITAS).



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.



CL₂ CLO₂ O₃ PAA H₂O₂

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.



NO₃, 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

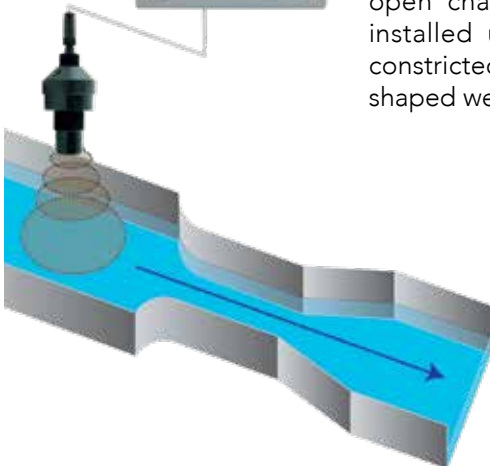
- For measurements in pressurized full section piping
- Suitable for clean and dirty water with conductivity of at least $5 \mu\text{S}$
- Available with different types of flanges; wafer, sanitary connections
- High power / low voltage or battery



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**



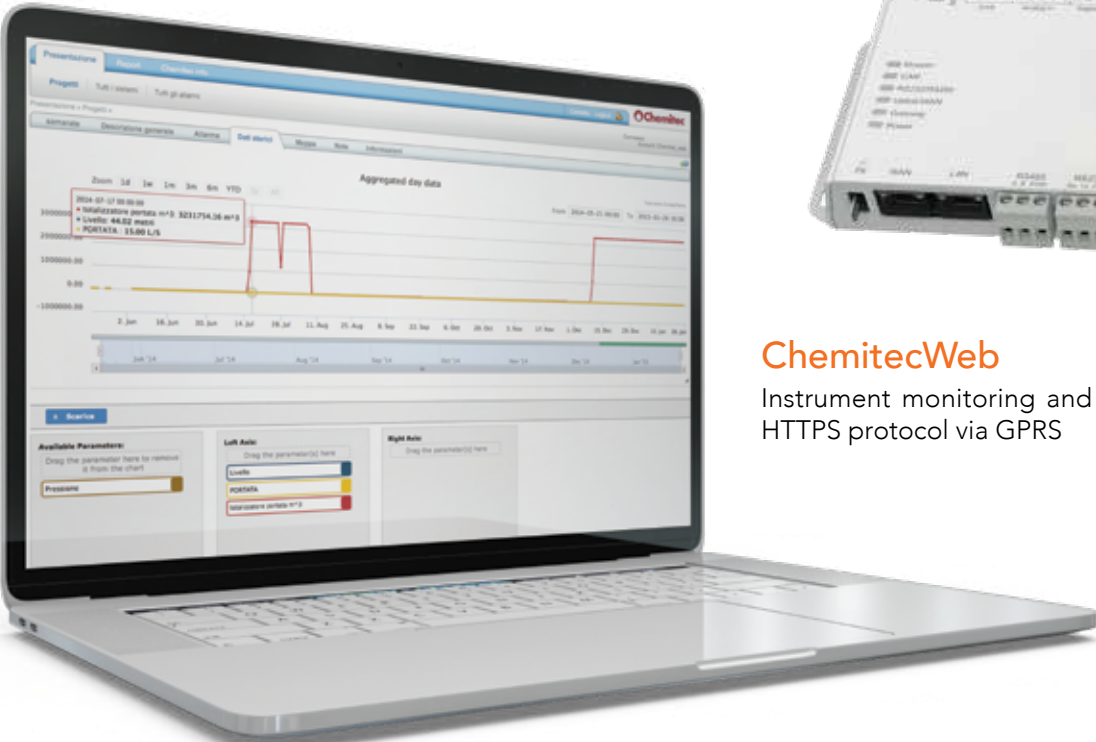
**Radar and guided
microwave sensors**

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:



Chemitec SRL

Via Isaac Newton 28
50018 Scandicci
Firenze (ITALY)

Phone +39 055 7576801

Fax +39 055 756697

sales@chemitec.it www.chemitec.it

Chemitec Ltd Sales Subsidiary

Room 901, Floor 9
108, Yuyuan Road
Shanghai (PRC)

Phone +86 021 3331 1193

Fax +86 021 3331 1193-808

info@chemitec.asia www.chemitec.asia

