

Industries and Applications

Food and Beverage Industry



The largest brewery groups in the world trust our technology. Centec equipment is used throughout the entire brewing process. For soft drinks, dairy and food industries we offer a large variety of customized process units. We have decades of experience in water treatment, carbonation, nitrogenation, liquid blending, flash pasteurization and cleaning-in-place.

Pharmaceutical Industry



A core business for us is customized systems for the production and distribution of high purity and injection water (WFI) for pharmaceutical and biotechnological plants in accordance with GMP and FDA guidelines. We are an experienced partner for pure steam generation, CIP- and SIP-processes as well as for services related to product preparation.

Chemical Industry



Based on extensive know-how, we are a specialist for high precision density measurement of liquids and skids for exact dosing – even of smallest quantities. For media supply we offer water purification systems and pure steam generators. CIP- and SIP-units made by Centec are widely used in chemical industries.

Energy Industry



From conventional power plants to solar energy and biofuel – there is a broad range of applications for our tailor-made process units. We are a leading supplier of water purification and water deaeration technologies in various areas. Our inline and mobile devices for oxygen measurement set standards with respect to design and accuracy.

Dairy · Food · Brewery · Beverage · Pharmaceutical · Chemical · Semiconductor · Energy · Power Plants

Global Knowledge for Local Applications

Germany

Centec Gesellschaft für Labor- und Prozessmesstechnik mbH
Wilhelm-Röntgen-Strasse 10
63477 Maintal
Tel.: +49 6181 18 78 0
Fax: +49 6181 18 78 50
info@centec.de

Czech Republic

Centec automatika s.r.o.
Pekařská 8/601
155 00 Praha 5
Tel.: +420 257 084 111
Fax: +420 235 518 701
prodej@centec.cz

Serbia

Centec Serbia
Bogdana Žerajića 34/III
11000 Beograd
Tel.: +381 11 358 11 24
Fax: +381 11 358 11 24
info@centec.rs

UK

Centec UK
Stalworths, The Street
Great Tey, Colchester
Essex, CO6 1JS
Tel.: +44 1206 21 19 21
Fax: +44 1206 21 19 16
info@centec-uk.com

India

Centec RRR Systems & Sensors Pvt Ltd
RRR House, Plot 80, Sector 23
CIDCO Industrial Area, Turbhe Naka
Navi Mumbai - 400 705
Tel.: +91 22 2783 3655 & 2783 1348
Fax: +91 22 2783 4814
mail@centecrrr.com

USA

Centec LLC
P. O. Box 820
Germantown
WI 53022-0820
Tel.: +1 262 251 8209
Fax: +1 262 251 8376
info@centec-usa.com

Brazil

Centec América Latina Ltda
Largo de Sao Francisco de Paula nº 26 conj. 1108
Centro Cep. 20051 070 Rio de Janeiro
Tel.: +55 21 2223 2066
Fax: +55 21 2223 0324
centeclatina@terra.com.br



Global Profile



The Art of Technology

Dairy · Food · Brewery · Beverage · Pharmaceutical · Chemical · Semiconductor · Energy · Power Plants

The Centec Group

Centec is a strong, privately owned group of companies. With a focus on processing industries, we are rapidly growing in the major world markets. We have a global structure for sales and service with our own subsidiaries and service centers on several continents and a network of qualified distributors.

An international team of specialists with considerable experience and extensive application know-how has always been the basis of our success.

Our production facilities in Germany and the Czech Republic include a skilled electrical and automation department with in-house switch cabinet manufacturing. As a core element of our growth strategy, we are currently expanding our Czech operations.

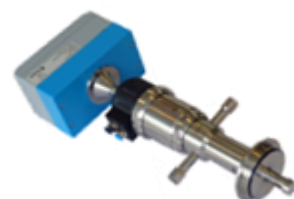
This outstanding infrastructure allows efficient logistics, short lead times and strict adherence to delivery deadlines. The quality of our products is outstanding, so is the price-performance ratio.

Product Innovations



Laboratory Density Meter

For extremely accurate determination of density and temperature in the lab. Sample volume 2 ml. Equipped with a user friendly 10" touch screen.



Retractable Unit

For continuous measurement of the O₂ content in liquids and gases. The sensor can easily be drawn back without stopping the system, e. g. during sterilization of the plant. Manual and pneumatic version.

Innovation. Dedication. Centec.

Automated Process Skids

The broad range of our process units includes automated process skids designed to customer requirements for the following applications:

- Water Softening & Ion Exchange
- Reverse Osmosis
- Electrodeionization
- Ultra Filtration
- WFI Distillation
- Membrane Water Deaeration
- Column & Vacuum Water Deaeration
- Carbonation & Decarbonation
- Nitrogenation
- Wort Aeration & Yeast Dosing
- High Gravity Blending
- Multi Stream Blending
- Additive Dosing
- Flash Pasteurization
- Product Sterile Filtration
- Dealcoholization
- Cleaning-in-Place (CIP)
- Sterilization-in-Place (SIP)
- Pure Steam Generation



No matter how complex requirements may be, Centec will provide the right solution. Our capabilities include the planning, delivery, assembly and commissioning of turn-key plants. We are more than familiar with GMP guidelines and demanding FDA requirements.

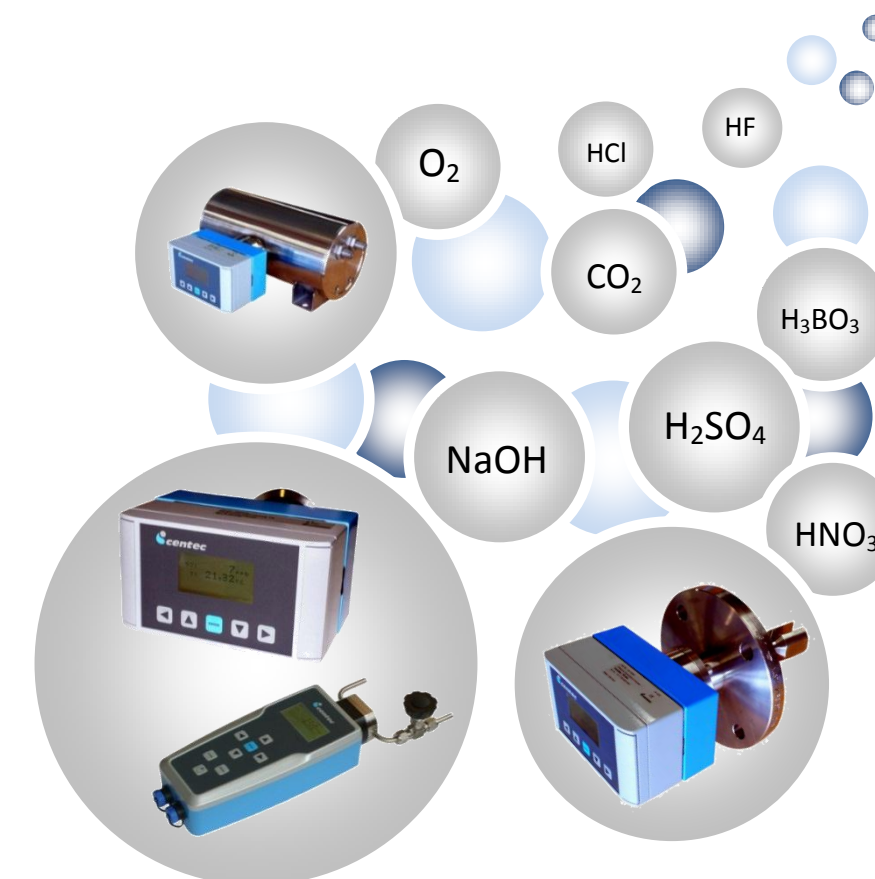
Experience. Expertise. Centec.

High Precision Sensors

Centec sensors are applied in laboratory and process environments. They ensure that products are produced to consistently high standards and that processes run extremely efficiently with the least consumption of energy and raw materials. Our portfolio covers the following measurements:

- OXYTRANS – O₂ in liquids and gases
- CARBOTEC – dissolved CO₂ in liquids
- RHOTEC – density of liquids
- SONATEC – sound velocity in liquids
- COMBITEC – functionality of SONATEC and RHOTEC combined

The measurement of density or sound velocity allows the concentration of a media such as sugar, alcohol, acid or caustic to be displayed. In three component liquids both density and sound velocity need to be measured.



Accuracy. Reliability. Centec.