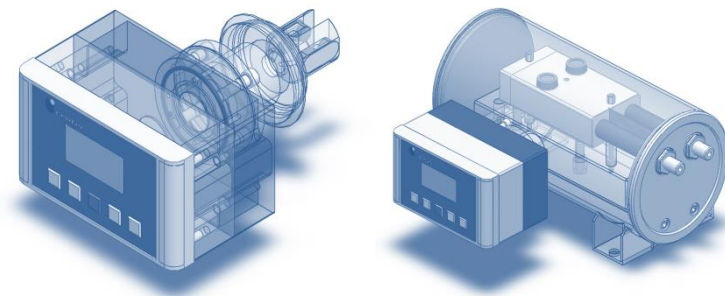


The Centec Group

Centec is a privately owned group of companies. Based on extensive know-how, we are a specialist for automated process skids for high precision dosing – even of smallest quantities. For media supply we offer water purification and pure steam generation systems. CIP- and SIP-units designed and manufactured by Centec are widely used in chemical industries. Centec technology includes a range of high precision process sensors for accurately measuring critical product properties such as the concentration of acidic and caustic solutions and O₂ content. The largest chemical groups in the world are among our key customers.



Accuracy. Reliability. Centec.

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MultiMixer

Multi Component Mixing

Centec Chemistry Systems



Automated
process skids
and high precision
sensors from a
single source.
Centec.

MultiMixer

The Principle

The Centec MultiMixer is applied for the continuous and accurate mixing of two or more streams of liquids. There are a multitude of applications in chemical industry, e.g. blending water with highly concentrated acids and caustics. The number of blending channels can be extended to meet individual needs, along with comprehensive recipe management. The compact MultiMixer skid provides a high degree of manufacturing flexibility and minimizes the required size of production facilities. For process control, sophisticated in-line sensors developed and manufactured by Centec are applied to determine product characteristics such as the concentration of acids and caustics, O₂ or CO₂. Reliable flow meters and pneumatic control valves or variable capacity pumps permanently monitor and adjust the mass ratios, guaranteeing repeatable results with minimal product losses. The modular design of the process units allows easy expansion, e.g. for deaerated water production or finished product sterilization, together with efficient CIP system integration, all of which are provided by Centec.

Technical Data

Capacity	1 - 150 m ³ /h
Pressure of Operation	0 - 10 bar
Temperature of Operation	2 - 85 °C
Material	PP 1.4301/1.4404 AISI 304/316L
PLC	SIMATIC S7
Options	in-line measurement of O ₂ and concentrations chilling/chilling water recovery water treatment



The Centec production is certified according to ISO 9001.

- **Application Specific and Energy Efficient**
exceptional accuracy with sophisticated sensor technology
excellent repeatability and minimum product loss
water deaeration on demand
- **Modular Design with Standard PLC**
skid mounted for easy installation and start-up
- **Hygienic Execution and Full CIP Capability**
- **Outstanding Price-Performance-Ratio**

Experience. Expertise. Centec.

*Particle Pre-Filtration · Disinfection · Water Softening & Demineralization · Ultrafiltration · Reverse Osmosis
Electro Deionization · WFI Distillation · Membrane Deaeration · Column Deaeration · Vacuum Deaeration
Multi Component Mixing · Additive Dosing · Flash Pasteurization · Cleaning-in-Place · Pure Steam Generation*

