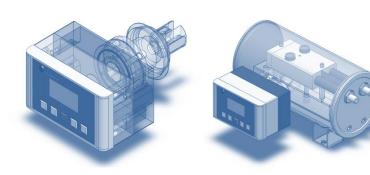


The Centec Group

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 O_2 content. The largest chemical groups in the world are among our key customers.



Accuracy. Reliability. Centec.

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centec

Hot Column Deaeration

Centec Chemistry Systems



Automated
process skids
and high precision
sensors from a
single source.
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More information at www.centec.de

DeGaS-H

The Principle

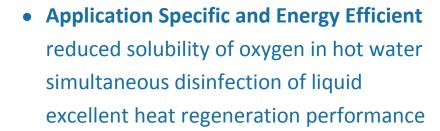
The Centec column deaeration system DeGaS-C is a modular skid for removing oxygen from water heated to about 75 °C. The presence of even low O_2 levels can cause serious corrosion damage by forming oxides. For treatment in DeGaS-C, the liquid is injected at the top of the column. The column contains a matrix of structured packing comprising thin corrugated metal plates arranged so that the liquid takes multiple paths as it flows downwards through the column. This maximizes the transfer surface and the contact time between the liquid and the strip gas; CO_2 or CO_2 or COO_2 or C

Technical Data

Capacity	1 - 200 m³/h
Residual Oxygen	< 10 ppb
Pressure of Operation	0 - 8 bar
Temperature of Operation	8 - 95 °C
Temperature of CIP	max. 95 °C
Material	1.4301/1.4404 AISI 304/316L
Heating Medium	steam
Cooling Medium	glycol, ice water, ammonia, brine
PLC	SIMATIC S7
Options	in-line O_2 measurement pre-filtration disinfection







- 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

