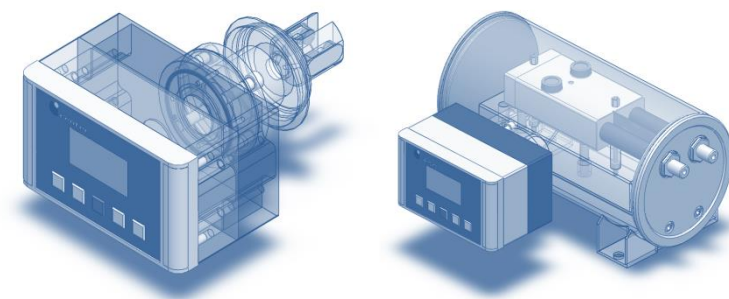


## The Centec Group

Centec is a privately owned group of companies. A core business for us is customized systems for the production and distribution of high purity water and water for injection (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. 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<sub>2</sub> content. The largest pharmaceutical groups in the world are among our key customers.



**Best of Technology. Centec.**

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## Product Overview

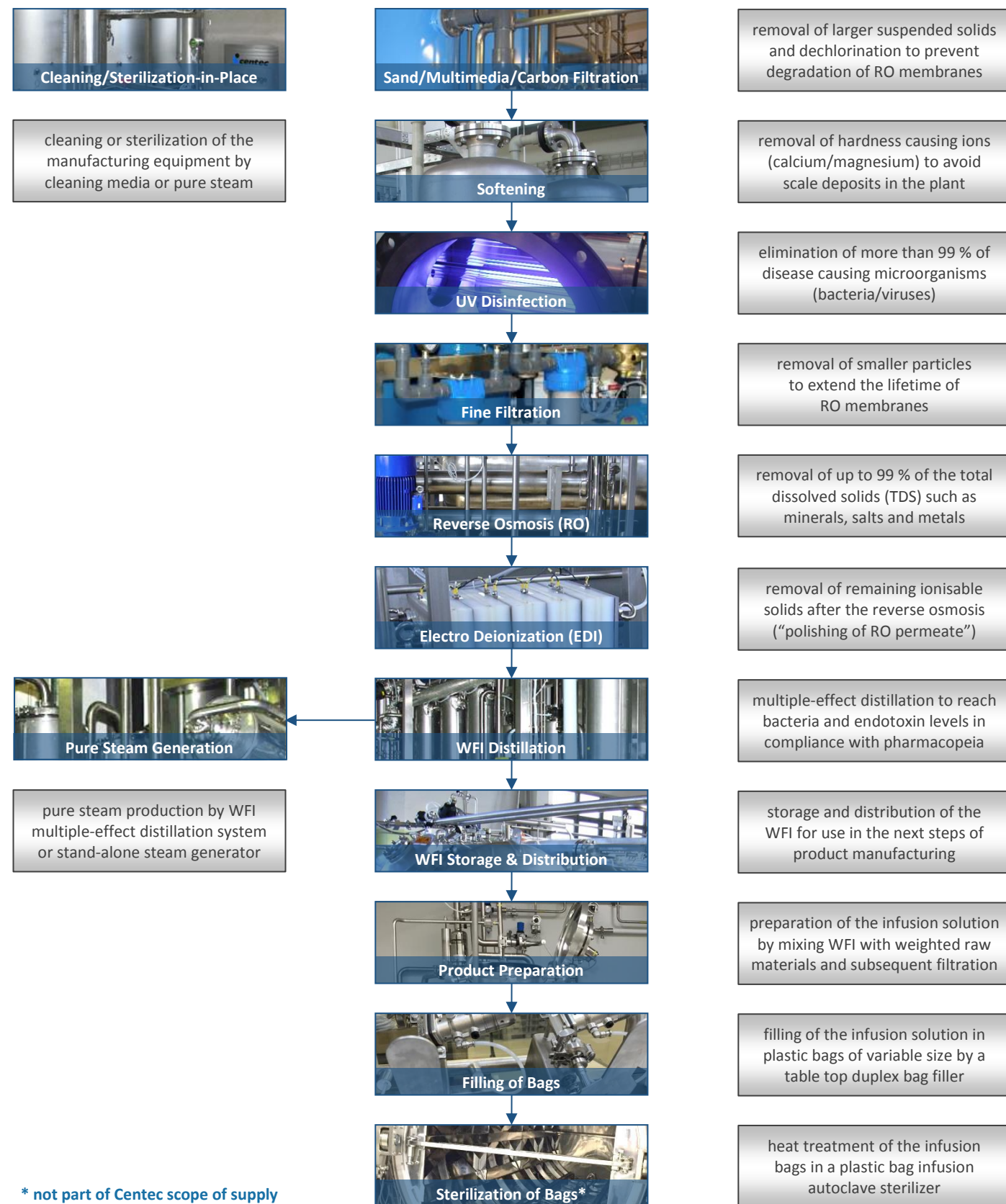
### Production of Infusion Solutions

### Centec Pharma Systems



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

# Designed and Manufactured by Centec:



\* not part of Centec scope of supply

- Full Raw Water Pre-Treatment; Proven RO and EDI Technology
- Production of Water for Injection (WFI) and Pure Steam
- Storage Tanks and Distribution Loops for WFI
- Highest Quality Vessels for Product Preparation
- Table Top Duplex Filling Machines for Infusion Bags
- In Accordance with FDA, GMP, GAMP, USP, ISPE
- Completely Qualified (DQ, IQ, OQ) if Required
- Outstanding Price-Performance-Ratio

## The Infusion Solution Company. 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

