

**Water treatment with softening, demineralisation and oxygen removal  
by reverse osmosis and membrane degassing**



**Customer:** Sugar manufacturer  
**Procedure:** Softening (ion exchange), reverse osmosis, membrane degasification, UV disinfection  
**Capacity:** 300 l/h  
**Year of realisation:** 2016  
**Besonderheiten:** Fully automatic plant with duplex softening, reverse osmosis for a conductivity of  $< 20 \mu\text{S}/\text{cm}$ , membrane degasification for a residual oxygen of  $< 0,1 \text{ ppm}$  with support of technical nitrogen and vacuum, storage tank with inert gas overlay, booster pump with UV filter