



DEMINERALISED WATER PRODUCTION SYSTEM FOR A LABORATORY

Switzerland, 200 l/h

Aim of the Project

Laboratories require specific water quality for carrying on experiments. Reverse osmosis coupled with other water treatment technologies allow the production of low conductivity water suitable for these applications.

Lenntech has engineered, built, installed and commissioned a full system producing pure water for a world-famous laboratory.

The system is designed and equipped with cartridge filters, a column of activated carbon, a reverse osmosis module and a column of ion exchange resin.

Scope of Work

- ✓ Engineering, manufacturing and assembly
- ✓ Cartridge filtration
- ✓ Reverse Osmosis system
- ✓ Granular activated carbon filtration system
- ✓ Ion exchange system
- ✓ Automated rinse
- ✓ Site start-up and commissioning

Plant specs

- ☐ **Feed water quality**
TDS: 500 ppm
- ☐ **Water recovery: 74%**