Complete solutions for maximum safety and economy

Dialysate is comprised of up to 99% of purified water, generated by hercopur reverse osmosis of perfect quality. Specialised, energy-efficient, low-pressure modules ensure maximum hygienic safety. Permeate that has not been used is recycled in order to reduce operating costs.

Twin pass for maximum safety

Our twin-pass reverse osmosis systems guarantee maximum safety and premium-quality purified water thanks to the use of two water treatment systems arranged in series. Excellent operational reliability is also ensured as both systems can be run separately without interruptions during operation.

50% less water costs thanks to demand rated controller and water recycling

- Constructed to operate with constant circulation with continuous-flow membrane modules and continuous-flow sampling valves at the beginning and end of the ring main loop
- Disinfection unit monitored using computer technology
- User-friendly microprocessor control with complete graphical display
- Sequential arrangement of thin-film spiral membrane modules with tangential flow and vortex action to prevent deposits on the membrane surface
- Improves the quality of the purified water and extends the service life of the membranes
- Additional periodic rinse programmes (water flush, permeate rinsing) to clean the membrane surface
- Fully-automatic, fully-programmable rinsing of the system when dialysis is not being carried out
- Three-way reduction of water consumption thanks to demand-based control, recirculation of concentrate and the adjustment of concentrate for maximum utilisation
- Robust, long-lasting stainless steel tubing
- Redundant configuration for all devices used to measure the quality of purified water
- Optional: remote monitoring and remote control of the system