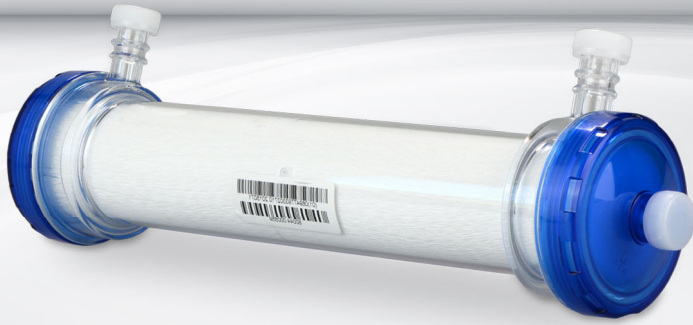


# VITRO Z

dialyzer



## Use case



### Record speed dialyzer manufacture and drying

In the manufacture of capillary dialyzers, the VITRO Z dialyzer immediately took the lead in the market with a speed record: The system produces a completely assembled and tested dialyzer every four seconds. Another unique selling point is the drying process of the semi-permeable membrane filter developed and patented by ZAHORANSKY. After they have been activated with pharmaceutical water, they must be dried as quickly and thoroughly as possible in order to enable rapid further processing. A normally time-consuming endeavor that ZAHORANSKY significantly shortens through the innovative use of semiconductor-based microwave technology in conjunction with unsaturated air. Four dialyzers at once can be placed in the drying chamber using a robot. This efficient quick-drying process significantly increases production volume. Encapsulated systems are currently available for 2, 4 and – a novelty in the market – 6 million dialyzers manufacturing capacity per year. All have a high level of flexibility in the automation field.