

Spectr Deionizer

Water Purification System

Water for hydrogen generators, for preparation of chromatographic samples, electrophoresis, liquid chromatography of high-efficiency and also for analyzers, that require usage of water of high purity. Bidistillate or distilled water is used as initial water. Service life of deionization filters depends on the quality of initial water. Distilled water is poured into the tank of deionizer, that is equipped with max and min level sensor, and it helps to avoid spillover during filling of the tank, and also excludes dehydration of the resin, located in filters during discharge of water from the system. Initial water is pumped over through deionization filters. Water quality is controlled by in-built conductivity meter and is shown on display of the front panel. There is possibility of looping of water flow in deionizer "Spectrum", at that extraction of water is done by operator when the water is of the necessary quality. It is possible to add water during operation process if the needed volume exceeds tank volume.



Specifications

Volume of water poured into the tank	1,6 liters
Specific conductivity of the resulting water	0.06 – 0.1 mcCm/cm
Production capacity of water	No less than 6 liters/hour
Service life of filters	700 liters

