

Laboratory filtration module type “atechLAB”

Laboratory module for microfiltration and ultrafiltration of liquid media such as produced by the pharmaceutical, food, biological and chemical industries

The new “atechLAB” unit offered by atech innovations gmbh is a unit for laboratory applications that can be customized to special operating needs. In a laboratory environment, test medium is often available in small quantities only. Due to its unique features, this test unit provides the possibility to filter even very small quantities simultaneously and with exactly identical process conditions using several different membrane pores. The efforts required to optimize filtration processes and scale-up studies are significantly reduced, meaningful results are obtained within almost no time.

Time-consuming exchanges of membranes are minimized, and cost-efficiency of exchange operations is ensured by the use of single-channel membranes with an outer diameter of 10 mm and a channel diameter of 6 mm. Test results can be partly applied to large-scale systems because the dimensional channel characteristics and lengths of the test membranes are identical to those of industrial plants.