

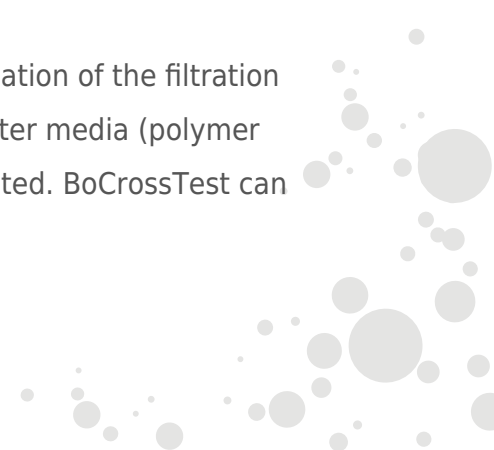
LABORATORY TESTS IN CROSSFLOW FILTRATION

BoCrossTest – Testing crossflow filtration in a comprehensive but simple way.

BoCrossTest is a laboratory test device for the investigation of dynamic crossflow filtration. With small sample quantities, the possibilities of crossflow filtration with regard to thickening, washing or even classification can be determined and a variety of filter media can be tested. BoCrossTest provides the key data relevant for a filtration evaluation.

BoCrossTest is a laboratory-scale dynamic crossflow filter. Like BoCross Dynamic and BoCross MicroScreen, it operates on the principle of dynamic crossflow filtration and uses the shear stress effect to prevent solid deposits on the filter medium.

With small sample quantities, BoCrossTest enables the determination of the filtration behavior under crossflow conditions. Various suspensions and filter media (polymer membranes, metal mesh, ceramic membranes) can be investigated. BoCrossTest can



be operated both, discontinuously and continuously.

BoCrossTest is characterized by the following features:

- portable laboratory filter with small dimensions (e.g. for use in fume cupboards)
- only small sample volume of 1 to 40 l required (depending on test scope)
- use of different filter media
- fast change of filter media
- easy handling

