

BoCross Dynamic and BoCross MicroScreen are dynamic crossflow filters. In contrast to classic crossflow filtration, in dynamic crossflow filtration with the BoCross filters, the typical tangential overflow of the filter surface is not generated by the geometric flow in the apparatus but by rotors.

This principle offers significant process advantages. There are almost ideal physical conditions for the separation process. The throughput rates are therefore up to 10 times higher than in classic crossflow filtration. Furthermore, it is also possible to process suspensions with high concentrations or viscosities.

- With the BoCross Dynamic filter, micro- to nano-scale suspensions can be thickened to unrivaled high concentrations.
- The BoCross MicroScreen filter offers unique solutions with regard to classifying suspensions or when solids are to be completely recovered or separated.



