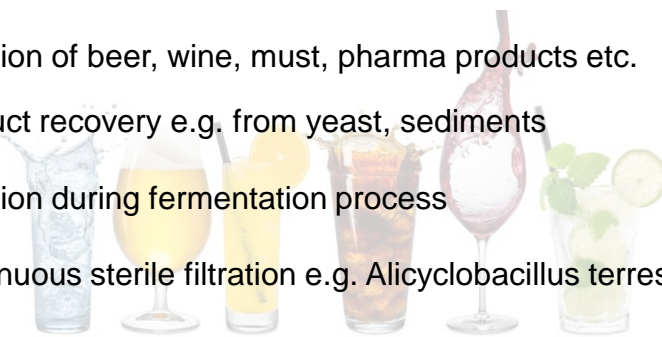


▶ CHF INNO

The Cylindro – Horizontal – Filter INNO operates without any filter aids. The horizontal ceramic disks rotate during operation. By this way the filtration surface for the filtrate passage is flushed free. The differential pressure is max. 1,5 bar. This filtration system tolerates high lees concentrations. The filtration temperature stays constant. The turbidity values are brilliant clear and have no variations. Easy product changes, easy starts and stops characterise this filter. The ZHF inno is able to CIP and SIP.

▶ Application

- Filtration of beer, wine, must, pharma products etc.
- Product recovery e.g. from yeast, sediments
- Filtration during fermentation process
- Continuous sterile filtration e.g. Alicyclobacillus terrestris



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▶ Advantages

- 0,15 – 0,4 kW energy consumption per m² filter area
- Use of centrifugal force
- Easy and automatic back wash
- No filter aids necessary like e.g. Kieselguhr
- Easy set-up and dismantling
- Low differential pressure (ca. 1,5 bar)
- Oxygen – free
- No heat input to the product
- High Self – Cleaning effect of the disks
- Velocity reduces the risk of fouling to the membranes
- High Cross – Flow – Speed, pressure independent
- Constant pressure in all modules
- High lees concentrations (up to 80 % vol/vol)
- Simple product changes
- No product mixing or –dilution



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