



Understand your Digital Beer DNA with **BrewAssist.**

Your virtual Beer Filtration Assistant to
outperform your day-to-day business.





OUR VISION: A SELF-ADAPTING BMF MACHINE.

At Pentair we believe in digital process innovation as part of our leading Beer Membrane Filtration Technology.

After careful research how we could innovate it became crystal clear. Decades of Beer Filtration Process knowledge brings instantly available machine insights directly to the brewing expert without any delays. So tedious data extraction, modeling and waiting for insights of internal or external engineers will be something of the past.

An important element of this approach is Pentair's service philosophy. This means we move from a more conservative approach where service delivery is more based on customer demand to a pro-active approach where the problem is solved before it might occur.

This resulted in our mission to create a self-adapting BMF machine. In the nearby future decisions can be automated, giving your beer a "digital DNA" where you exactly know what kind of filtration strategy is used for your various beer types such as an IPA or blonde beer. These valuable insights gives an optimal performance to your filtration process so you can sleep better at night.

What is BrewAssist

Pentair's BrewAssist is your virtual assistant to help you excel in your day-to-day business. The smart, cloud based Software helps you to optimize your Beer Membrane Filtration Process. BrewAssist's various dashboards extract data and turn them

into valuable process insights. So manual data processing belong to the past and daily routines of operators and brewing managers are easier. Then you can focus on brewing a great natural product.

So start now to optimize your Beer Membrane Filtration Process to outperform now and in the future.

FUTURE BENEFITS OF SELF-ADAPTING BMF MACHINES

- ◆ Optimizing costs
- ◆ Reduce downtime
- ◆ Increase sustainability
- ◆ Ease of mind of Operators and Brewing Managers

THE VIRTUAL FILTRATION ASSISTANT TO OPTIMIZE YOUR FILTRATION PROCESS

Start now with data driven decision making using the Pentair BrewAssist platform. From the scala of possibilities we like to introduce the key benefits for operators, brewery managers and global managers

FEATURES



KPI Dashboard

- Data driven decision making to improve SQDCC.



Push notifications

- Receive warning and alarms to prevent standstill or performance decrease.



Mobility platform

- Stay in contact with machine wherever you are.



Learn, share and apply

- Knowledge transfer between users and locations.



Data trending

- The desired information at the right time.
- Create your own graph with data labels over time.



Service

- Pro-active service, improved reaction speed/communication.
- Service fully tailored to the customer's needs.

◆ Operators

◆ Brewing Managers

◆ Global Managers



**CONNECTED
ALWAYS AND
EVERYWHERE**

AFTER MARKET SERVICES. OPTIMIZING PERFORMANCE.

You are operating a state-of-the-art production plant that requires optimal performance over the life cycle, with minimum production losses and strict compliance with industry regulations.

Together we achieve this with aligned service schedules, supported by adequately trained personnel and supply of original spare parts and consumables – to run your plant at full capacity and guaranteeing the required quality level at minimum operational cost.

Scope of Supply

Pentair's After Market Service offers a variety of options, tailor made to meet your specific requirements. After sales support, on-site repairs, training and supervision, original spare parts and consumables, preventive and corrective maintenance plus remote program management will keep your plant up and running – that's what we call optimizing performance.



CUSTOMER BENEFITS

- ◆ Less downtimes
- ◆ More process control
- ◆ Lower operational costs
- ◆ Optimal utilization
- ◆ Better product quality

PROVIDED SOLUTIONS

- ◆ After sales support
- ◆ On-site repairs
- ◆ Training & supervision
- ◆ Original spare parts & consumables
- ◆ Preventive & corrective maintenance
- ◆ Remote program management via connected products



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