

New
generation



Wine stability guaranteed with 'Bilek Filtry'

It looks like an easy task to do - to put a few pipes, gauges and valves together, but ...

The design of wine-making technology has a fundamental impact on the microbiological purity of wine on the output.

Following an intensive collaboration with a number of specialists in various professions, the 'Bilek' company is introducing a new generation of FMS station designs, which brings the guarantee of wine stability another step forward.

Much better sanitation possibilities

The most critical parameter of a micro-filter is its ability to fully sanitize itself. The better the filter can do this, the lower the risk of bacterial infection of wine. Therefore the designer engineers have fundamentally eliminated the most risky sanitizing factors such as the shape and surface of piping, transition and connection points as well as the position and technical design of fittings. Each single detail which could prevent a perfect sterilisation process poses a potential threat and may have an impact on the apparatus efficiency. For the same reason the design engineers have improved the weld technology and designed a brand new bayonet connection between the

cartridges and the filter. Wine-makers will surely appreciate more compact dimensions and improved stability of individual filters of the new FMS station.

Even longer lifetime of cartridges and higher filtration efficiency

It goes without saying that cartridges regenerate themselves by means of backflush. However thanks to an intelligent control panel connected with control electronics in the filling line, the lifetime of is much longer. Logical control circuits achieve this due to sophisticated compensation of pressure and flow peaks.

"Membranes in cartridges are not in danger of mechanical destruction and at the same time their irreversible clogging as a result of inappropriate flow is out of the question, which leads to a slower decline in flow rate - longer lifetime."

Faster, safer and easier operation

ANOTHER BENEFIT is a one-way interconnection with the filling line, which reduces the installation costs for the customer considerably and reduces the risk of infection on

the filter output. So that the filtrate would not get mixed with the sanitizing and disinfectant liquid, the piping design had to be changed. This simplified the device operation considerably at the same time. The manual is also more transparent, detailed and more intuitive. In addition to that, for integrity tests and for the purpose of emptying the system there is now an easier and faster connection of gases by means of popular fast connectors. Technicians of the company 'Bilek' also worked on the improved control of the utilized cartridges filtration area by means of adding a new sight-glass, which added to an increased filtration efficiency of FMS station.

Equipment at customer's request

Although this is the newest addition to the range of products of the company 'Bilek Filtry', it is in harmony with its long-time strategy - individual approach to each and every customer. You can choose from a wide range of appurtenances such as cartridges integrity test set, flow-rate control system, filters for gases and vapours, etc.

For more information visit:

www.filtrace.com