

We introduce a new generation of valves with a dose range, which is 1.000 times higher as conventional valves

KTW Systems has the answer to all the existing problems in the valve market. Our valves can be used wherever a flow is present, regardless of whether it is air, gases, water or viscous media, including a wide range of pressure and flow. Flexibility, cost-efficiency, long life only a few advantages!

Our smart valve tech make new applications possible, increase the efficiency and decrease the costs in production processes.

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Realtime Valves by KTW Systems

Filling and dosing





Customer Voice

(German Brewery, Manager Maintenance Filling)

„Today we have with our modern filling machines the same filling volume than 10 years ago. The advantage is only that we fill more precise today. The disadvantage is that the filling machine and the valves are more complicate and we had to shut down the production line every year for three weeks to maintain and change the valves and we have more production interruptions. It is time for your valve tech.“

(Third Party Filler, Manager Filling)

„With this valve you are able to revolutionize the filling industry.“

Filling and dosing for beverages and more

- Valves are a dominant factor in filling technology – in number and importance. Limited fill speeds are available with conventional valves
- For example a diaphragm valve (membrane) has a life time of approx. 500.000 moves. The pneumatic control a life time of approx. 1.500.000 moves
- The filling speed will be improved by large sized carousels
- The market is dominated by elaborate electro-pneumatic valves, which are characterized by low adaptability, insufficient service life, high space requirements, high energy consumption and a complex infrastructure

Project: Stand-alone application for filling beverage concentrates

In many cases, bottlers of flavor-intensive beverages have the problem that the flavorings accumulate in their piping systems, seals, etc. Elaborate cleaning processes are the result up to missing flexibility in the filling. High optimization potential exists in the complex mixing processes in the pre-process of filling.

Our valve technology solves most topics of filling technology!

- No complicated construction or peripherals– only the valve and the electronic control is required!
- Performance enhancement: Filling speeds can be adapted to the product or the requirements for greater efficiency
- Drastically reduced space requirement
- Saves energy costs and media due to lack of compressed air and low power requirement on the valve
- Less production disruptions due to trouble-free working valve
- Improved filling quality by avoiding overfilling and underfilling as well as non-existent hygiene issues of a pneumatic solution
- New applications enable the complete elimination of process components

High cost savings and increased quality!

We develop a self-sufficient system in which the concentrate is fed to the beverage after filling and before closing. Thus, the flavorings no longer burden the bottling plant. In addition, for bottlers who today renounce the bottling of aromatic drinks, new opportunities are possible.