WE CONTINUE TO LEARN FROM YOU ON A DAILY BASIS – AND THINK OUTSIDE THE BOX.

When it comes to dealing with liquids and gases, Bürkert has become a sought-after partner all over the world. Why? Probably because we have been learning from and with our customers for more than 70 years now. This enables us to always think that crucial step ahead... and around the bend.

We make ideas flow.
“FLOWave is not just a flowmeter, but a revolutionary instrument for quality assurance.” – Responsible project engineer on the customer side.

“I never would have thought that we could actually gain additional filling time.” – Responsible project engineer on the customer side.

Product safety is a crucial factor in the manufacture of infusion solutions. This is a matter of very special importance to one of the leading manufacturers of infusions, clinical nutrition, drugs and medical products based in Hesse, Germany. To achieve maximum product safety, it is necessary to use only state-of-the-art flow measurement systems. That is why a new Bürkert technology was installed in a field test in the supply line of a filling system for infusion bags.

**Flow measurement**

**SIMPLE, CLEAN AND SAFE**

**PRODUCT SAFETY**

**FLOWAVE**

The crucial factors for flow measurement systems are long-term operation with no failures and, above all, with no errors in measurement – even under the harshest conditions. The exact measurement of the flow rate of CIP media is also decisive. In the past, however, it was often necessary to use expensive processes with less than optimal hygienic properties in order to meet the high requirements for measuring accuracy. The new FLOWave flowmeter changes that.

**FLOWAVE IN PRACTICE**

In a practical test the customer was quickly convinced of the unlimited suitability and the advantages of FLOWave. The reliable and re- producible monitoring of CIP and SIP processes made it possible to identify potentials for optimisation within a very short period. Not only the efficiency of cleaning and sterilisation, but also the overall system efficiency were boosted as a result of the exact measurement of the flow rate and temperature, as well as the simple design. The FLOWave flowmeter is therefore not only a measuring system, but also a tool for quality assurance and optimisation. Its use even allowed the user to gain additional filling time.

**What Bürkert offers for your flow measurement:**

- **Increased productivity:** Due to optimised cleaning, sterilisation and filling times.
- **Continuous monitoring:** For reliable and reproducible monitoring of CIP and SIP processes.
- **Minimum cleaning:** Less susceptible to contamination and easier to clean.
- **Plug & Play:** No separate calibration necessary after installation.
- **Maximum reliability:** Insensitive to vibrations and magnetic or electrical interference.
- **Easy validation:** Due to digital monitoring and simple design (tube).
- **Extended production times:** Through combination of FLOWave and Robolux.
- **Hytgenic safety:** No sensor elements or constrictions in the measuring tube.

**FLOWAVE TECHNOLOGY: FLOW INNOVATION**

Innovative flow measurement

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