

INSIGHT NEWSLETTER

Q3 2017

FLOWave Success Story

A hygienic flowmeter for perfectly pure CIP and SIP applications.

NSF Solenoid Valve Flyer

Clean drinking water with NSF valves – ordering chart and flyer available now.

Huntersville Facility Now OPEN

The 173k sq.ft. facility on 98 acres in Huntersville, NC is not just open for business, but has even become part of the local community.



Customer Success Story

Burkert FLOWave



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.

In a practical test the customer was quickly convinced of the perfectly suited advantages of FLOWave. The reliable and duplicable monitoring of CIP and SIP processes made it possible to identify potential for optimization within a very short period. Not only the efficiency of cleaning and sterilization, 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.

In the Know...

New technology: for the flow rate measurement our fluidics experts developed a technology on the basis of Surface Acoustic Waves (SAW). The technology measures the propagation of surface waves on the measuring tube and in the flowing medium. The effect is comparable to the wave propagation in seismic activities.

Request a copy of this flyer on back page of this newsletter



New Online Ordering and Filtering Functions now on www.burkert-usa.com



In addition to the ability to place orders directly online at www.burkert-usa.com using the Burkert E-Shop (enhancements are continuing to be made to make this process even better) – a new filtering function interface has been rolled out to assist in the faster discovery of the correct products. This new interface will streamline the filter options (ie. voltage, approvals, sizes and certifications) into a much easier-to-use format and eliminate some of the unnecessary parameters that were offered before. Your patience is always appreciated and your feedback has been welcomed and is essential to enable us to provide you with even better service and web experiences going forward. Thank you again!

Solenoid Valves

- General Purpose 2/2 Solenoids
- General Purpose 3/2 Solenoids
- Water Solenoids
- Steam Solenoids
- High Pressure
- Cryogenic
- Media Separated
- Accessories

General Purpose 2/2 Solenoids

Add a filter?
Using filters often helps in selecting the right products even faster.

Add Filters

Type 0121

Direct-acting 2/2 or 3/2 way pivoted armature valve

- Direct-acting, media-separated valve with diameter of up to DN 8
- Maintenance-free pivoted armature technology
- Vibration-proof, block screwed coil system

Filter

Burkert Huntersville Grand Opening

*photo
taken by
drone*



The NEW home of Burkert USA – Huntersville, North Carolina

Just two years ago, executives and employees from Burkert Fluid Control Systems gathered together with representatives from Mecklenburg County, the Town of Huntersville, and Lake Norman Economic Development for the groundbreaking ceremony of Burkert's new multi-million dollar campus on a 98-acre parcel of wooded forest and farmland in Huntersville, North Carolina.

On April 3rd, 2017 Burkert hosted a grand opening celebration at their 173,000 square-foot U.S. Headquarters designed by WHN+ Architects. In late 2016, the facility garnered an Eagle Award for the design-build of the project by Edifice General Contractors from the ABC (Associated Builders & Contractors) of the Carolinas.

Currently just over 100 employees utilize the campus on a daily basis which boasts floor to ceiling windows throughout the entire office space, a fitness center with an indoor half basketball court, and two-story atrium that runs the length of the building. A 43.7kW solar

farm comprised of 366 panels on the roof supplies power directly to the facility and transfers power back to the grid during low usage. To reduce lighting needs, four separate bays of skylights plus 14 Solatubes provide natural daylight to our employees in the climate controlled production and warehouse area. The manufacturing area includes two separate CNC (Computer Numerical Control) machine shops to produce manifolds designed by our engineers. Valve systems are assembled and tested in our class 10,000 Clean Room.



BURKERT USA TIMELINE

just a little fun trivia about the presence of the Burkert Organization in the USA



Incorporation

Burkert USA is incorporated as Burkert Contromatic Corp. in the city of Orange - Orange County, CA

1984



Land Purchased

98 acres of farm land in Huntersville, North Carolina - January

2015



Relocation

Move of equipment and employees from Charlotte to Huntersville

2016



Hands-On Training

Scheduled Completion of the Hands-On Training Room and Hygienic Design Lab at the Huntersville Campus

2018

2006

Moving over to be closer to HQ

To be (3 work hours) closer to the Global HQ in Germany - Operations are moved to Charlotte, North Carolina



2015

Groundbreaking

Beginning of construction on a 2-story 173,000 sq. ft. facility



2017

Grand Opening

Celebration and ribbon cutting ceremony



Customer Success Story

Fermentation Tank Blanketing



Fluidic applications carried out in tanks – like fermentation or storage – often require the precious media to be protected from reacting with air, oxygen and other ingress. A pressurized inert gas layer above the media serves to maintain a stable chemical balance. This process is known as tank blanketing and commonly utilized in pharmaceutical and biotechnology industries. Building upon the new hygienic control valve Type 2380, a truly robust system is in charge of increasing safety levels in tank blanketing and many more demanding applications.

Modularity and system integration capabilities are key advantages making the hygienic control valve essentially valuable in applications like:

- Pressure control for fermentation and tank storage
- Flow control for precious products and CIP liquids
- Filling control with no product loss and no contamination

Customer benefits from the Burkert solution include:

- All-time hygienic safety in pressure, flow and filling control
- Eliminating downtimes and maintenance
- Increasing uptime for precious productivity



Request a copy of this flyer on back page of this newsletter

The Product Round-Up



NSF Solenoid Valves for the purest process

Purity is the essence of Burkerts line of drinking water and food & beverage service safe NFS-61 / 372 solenoid valves. Perfect for OEM systems such as coffee machines, beverage dispensers, automated faucets, etc. - Ask for a flyer on the last page of this newsletter.



Quick-Ship Control valve Packages with a 2-Year Warranty

The Burkert Type 8802 and 8803 Angle-Seat and Globe valve Combination Control Packages are not only some of our most popular process valve configurations, but are also now available in quick-ship options all with a 2-year warranty. Request more info on last page of this newsletter.



Mass Flow using all Ethernet Protocols

High-precision mass flow meters (MFM) and controllers (MFC) for gases. These devices feature an integrated Industrial Ethernet switch and support all standard Industrial Ethernet protocols. This allows the devices to be flexibly integrated in existing systems. More info? You guessed it – ask on last page.



Getting to know Ü

Employee Spotlight – Rebecca Watson, Inside Sales – Microfluidic Segment

For almost 9 years, Rebecca Watson has been a fixture for Burkert in the greater Charlotte Area, working first as an Area Sales Manager before moving to an Inside Sales role.

Over her time at Burkert, Rebecca has worked on the Hygienic Team, the Water Team and just recently accepted the transition to our Micro team.

Her familiarity of both the needs and challenges of the customers as well as her previous experience “in the shoes” of an outside sales person has made Rebecca one of the most sought after and knowledgeable sales persons we have.

When she’s not at the office – Rebecca is kickin’ it at home with her husband and two boys - but when she can get a few moments to herself, she’ll jump in on a hot yoga class.

Care to know more? Email or Fax this page

949-223-3198 OR marketing-usa@burkert.com

Please email or USPS mail me the following brochures/info:

- ☐ CUSTOMER STORY – FLOWave
- ☐ CUSTOMER STORY – Fermenter Blanketing
- ☐ PRODUCT FLYER – NSF Solenoid Valves
- ☐ PRODUCT FLYERS – Quick-Ship Control Valve Packages (2-year Warranty)
- ☐ PRODUCT FLYER – Mass Flow Ethernet Info
- ☐ GENERAL PRODUCT – Overview Flyer

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