

CHIMIA REPORT/COMPANY NEWS

Firmen stellen sich und ihre Produkte vor

Companies present themselves and their products

Interested in a contribution? Please contact

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Büchi AG – büchiglasuster – leading Swiss manufacturer of reactor systems, pilot plants and process solutions for cGMP API synthesis – from lab through pilot plant/kilo lab to production scale.

With more than 77 years of experience Büchiglas stands for the highest level of quality and reliability. Our offering covers the whole life cycle of the equipment from pre-sales consulting and engineering through manufacturing, installation and IQ/OQ to after-sales services and system optimization. Our engineered solutions lead to the highest output of your activities in R&D, pilot plant/kilo lab and production.



Reactors & process equipment for HPAPI and ADC applications

We specifically design and manufacture reactors and process equipment for HPAPI and ADC applications (incl. syntheses of cytotoxins). Using specific custom designs ensures the highest levels of tightness, cleanability and the seamless integration into any containment solution. Our HPAPI process systems guarantee best process performance and highest levels of safety while keeping operational ease at the highest level possible. Our focus lies with engineered solutions tailored according

to your specific process/operational requirements. Our systems are specifically optimized for cGMP manufacturing and fulfill all regulatory requirements for safe operations incl. ATEX. Our systems are built with Swiss made highest quality borosilicate glass components and various other components made of highly corrosion-resistant materials such as glass-lined steel, fluoropolymers and Hastelloy®. Our glass piping always remains flexible due to our unique and proprietary flexible joint system “büchiflex”. The 3 top advantages of the product line:

- Customized according to your process/operational requirements and optimized for integration into any containment solution.
- Highest level of cleanability thanks to optimized designs and surfaces.
- cGMP and ATEX compliant.

Filter reactors for solid-phase peptide synthesis (SPPS)

For decades Büchi has been at the forefront of building pilot and production scale reactors for solid-phase peptide synthesis (SPPS). This year Büchi introduced the new **FR filter reactor product line** available in 10-, 30- and 50-liter versions. The **FR** filter reactor product line offers configurable setups that allow easy adjustments to your specific needs. In addition to that, we offer fully customized systems (up to 300-liter capacity) and integrated solutions with auxiliary equipment and automation according to your specifications (incl. recipe control). All systems are specifically optimized for cGMP API manufacturing and fulfill all regulatory requirements incl. ATEX. The systems are built

using highly corrosion-resistant materials such as borosilicate glass, glass-lined steel, fluoropolymers and Hastelloy®. The 3 top advantages of the product line:

- Customized according to your process/operational requirements, incl. auxiliary equipment and automation.
- cGMP and ATEX compliant.
- Easy and safe operation.

Hydrogenation reactors (hydrogenators) for cGMP API synthesis

Büchi hydrogenation reactors (hydrogenators) are designed for intensive daily use in pharmaceutical labs, pilot plants/kilo labs and production facilities. The main hydrogenation applications in pharma include catalyst screening, scale-up and cGMP production of APIs (from pilot to production scale). Depending on the physical & chemical process specifications and operational & regulatory requirements the appropriate reactor type is selected.

In addition to the selection of the type, the individual unit is customized in various dimensions (*i.e.* material in contact with media, vessel shape, stirrer drive power, stirrer shape *etc.*). Our product range covers vessel sizes from less than 1 liter up to 500 liters and pressure ranges from 6 bar to 1000 bar. We offer fully integrated solutions including auxiliary equipment and automation. For gas feed/dosing we offer the proprietary Büchi bpc 2 volumetric dosing unit as well as customized solutions based on MFCs. Büchi hydrogenation reactors are best-in-class solutions found in countless pharmaceutical research and production facilities around the world. The 3 top advantages of the product line:

- Built according to your specifications using highly corrosion-resistant materials.
- Modular setup for customized configuration and easy upgradability.
- Highest level of safety and regulatory compliance (PED, ATEX, cGMP).



Contact

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