

CHIMIA REPORT/COMPANY NEWS

Firmen stellen sich und ihre Produkte vor
Companies present themselves and their products

Interested in a contribution? Please contact
Swiss Chemical Society, info@scg.ch, +41 31 306 92 92

Büchi AG – büchiglasuster – Swiss manufacturer of reactor systems and pilot plants for the chemical and pharmaceutical industry as well as research institutions – from lab through pilot to production scale.

Our reactor systems and pilot plants are suitable for the most demanding corrosion and pressure requirements due to our proprietary designs and the use of high-performance materials. With more than 74 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 and installation to after-sales services and plant optimization. Our engineered and tailor-made solutions lead to the highest output of your R&D activities and production processes – Büchiglas is your competent partner.

Pressure reactors / stirred autoclaves



Büchi pressure reactor systems are used for various applications and reactions under pressure including hydrogenation, polymerization, catalyst screening and corrosion testing. Büchiglas pressure reactor systems are designed for intensive daily use in laboratories, pilot plants / kilo labs and small-scale production facilities. Depending on the physical process requirements (i.e. pressure, temperature, volume), the chemical process requirements (i.e. chemical properties of process media) and operational & regulatory requirements the appropriate reactor model is selected. In addition, to the selection of the model, the individual unit may be customized in various dimensions (i.e. material in contact with media, vessel shape, stirrer drive capacity, stirrer shape etc.). A wide range of reactor accessories for subsequent modification and upgrades is available. 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.
- Smart design features for safe & effortless handling and operation.

Glass reactors & process equipment

Büchi glass reactors and process equipment guarantee best process performance in labs, pilot plants / kilo labs and production. From laboratory synthesis through scale-up to production. Our focus lies with engineered solutions tailored according to your lab, pilot or production needs. Our glass reactor systems are specifically optimized for cGMP API manufacturing and fulfill all regulatory requirements for safe operations incl. ATEX. Büchi apparatus and 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 remains flexible at all time due to our unique and proprietary flexible joint system “büchiflex”. The 3 top advantages of the product line:

- Customized according to your process and operational requirements.
- cGMP and ATEX compliant.
- Easy and safe operation.

Nutsche filters

Büchi nutsche filters are mainly used for solid / liquid separation after synthesis. The highly corrosion resistant (inert) materials in contact with the process media allow safe processing of a wide range of solvents and acids in an inert atmosphere and a completely sealed system under full vacuum. Our solutions fulfill the requirements of ATEX and are specifically optimized for cGMP API manufacturing. Additionally, the design of the systems is optimized for operational reliability, cleanability and user-friendliness. Büchiglas nutsche filter can be equipped with manually or motor driven stirrers, height-adjustable stirrers and heating/cooling jackets. Additionally, Büchiglas offers jacketed nutsche filters with motor driven stirrers for the use as filter reactors for applications such as solid phase peptide synthesis (SPPS). Büchi nutsche filters – customized solutions for your specific process requirements. The 3 top advantages of the product line:

- Smart design features for safe & effortless handling and operation.
- Built according to your process requirements using highly corrosion resistant materials.
- cGMP and ATEX compliant.

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