

FAST MOVING TECHNOLOGY

STÄUBLI

Pharmaceuticals, Cosmetics

Connectors | Advanced connection solutions





FAR-SIGHTED PARTNER

An international group serving all industrial sectors



Stäubli, a leading market company, continually pushes for innovation, addressing current and future needs for advanced connection solutions.

Developing and delivering high-performance solutions tailored to specific business requirements, as well as understanding and anticipating the trends shaping each branch of industry, is the strategy pursued by Stäubli, as global leader in advanced connection solutions for all applications: fluid, gas and electrical.

Fluid mono-connections, electrical connectors, multi-connection systems for all energy sources, tool changers for robots or Quick Mould Change solutions, each Stäubli assembly is engineered and built from parts of consistently matched quality and design. Our solutions improve the reliability, efficiency, performance and usability of equipment, thereby raising the productivity and guaranteeing operator safety.

Expert solutions

As a long-standing partner of the pharmaceutical, biotechnology and cosmetics industries, we develop expert connection solutions.

The added value of our connection solutions is closely linked to that of our services: personalised analysis and advice, tests, training, after-sales service, etc.

They meet stringent quality and efficiency requirements in terms of productivity, while ensuring the integrity of operators, products and the environment. They take account of the specific requirements of our customers. They are innovative and adapt to the constantly changing legal and normative requirements.



50
countries



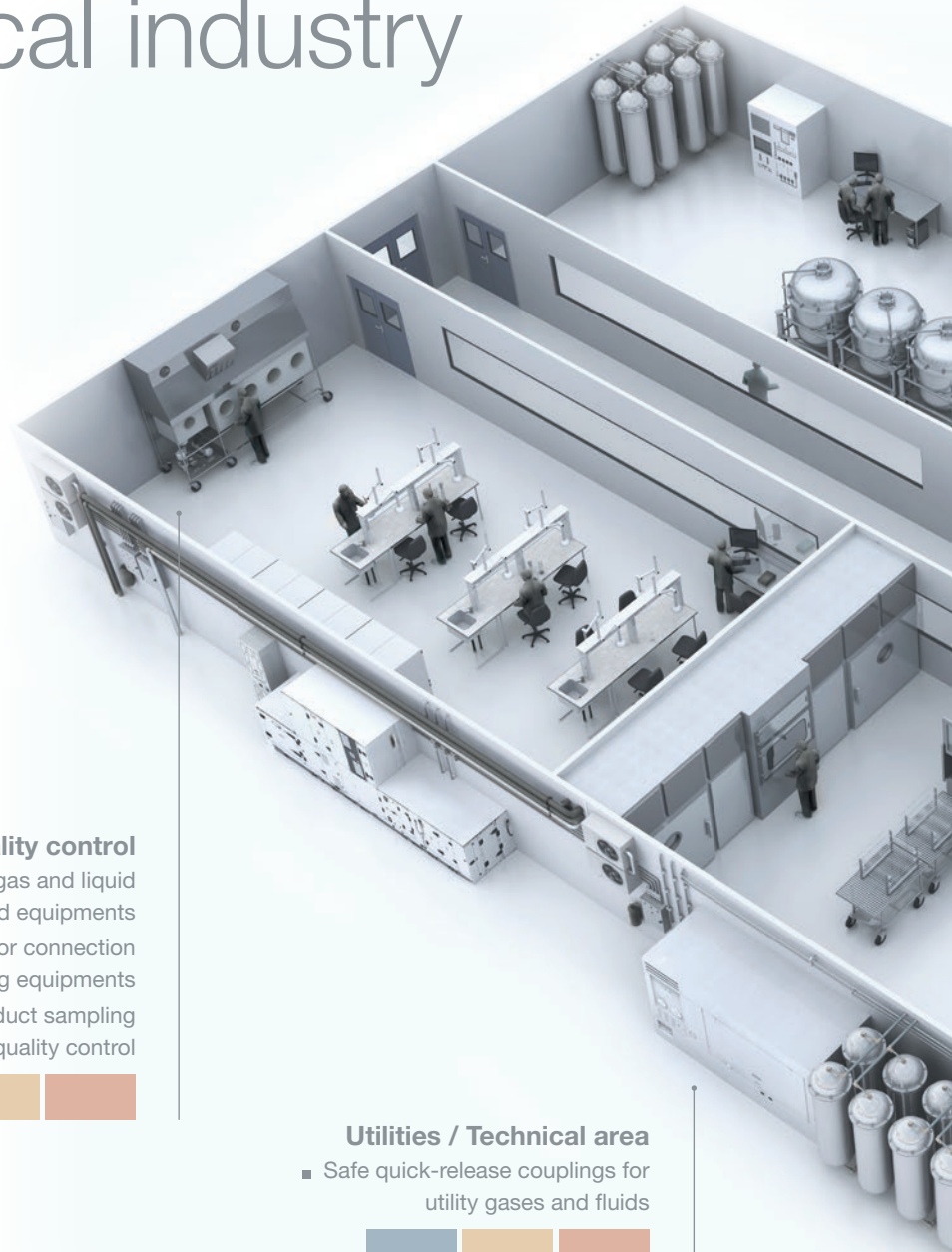
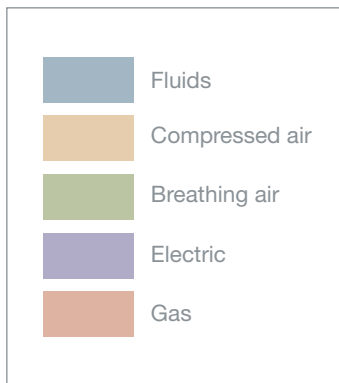
5,000
employees worldwide



12
production sites

OUR APPLICATIONS

Quick connection: a key link in the pharmaceutical industry



Analysis laboratories / Quality control

- Safe, identifiable quick-release couplings for gas and liquid supply systems for laboratory benches and equipments
 - Clamp profile couplings for connection to filter integrity testing equipments
 - Quick-release couplings for product sampling and quality control



Utilities / Technical area

- Safe quick-release couplings for utility gases and fluids



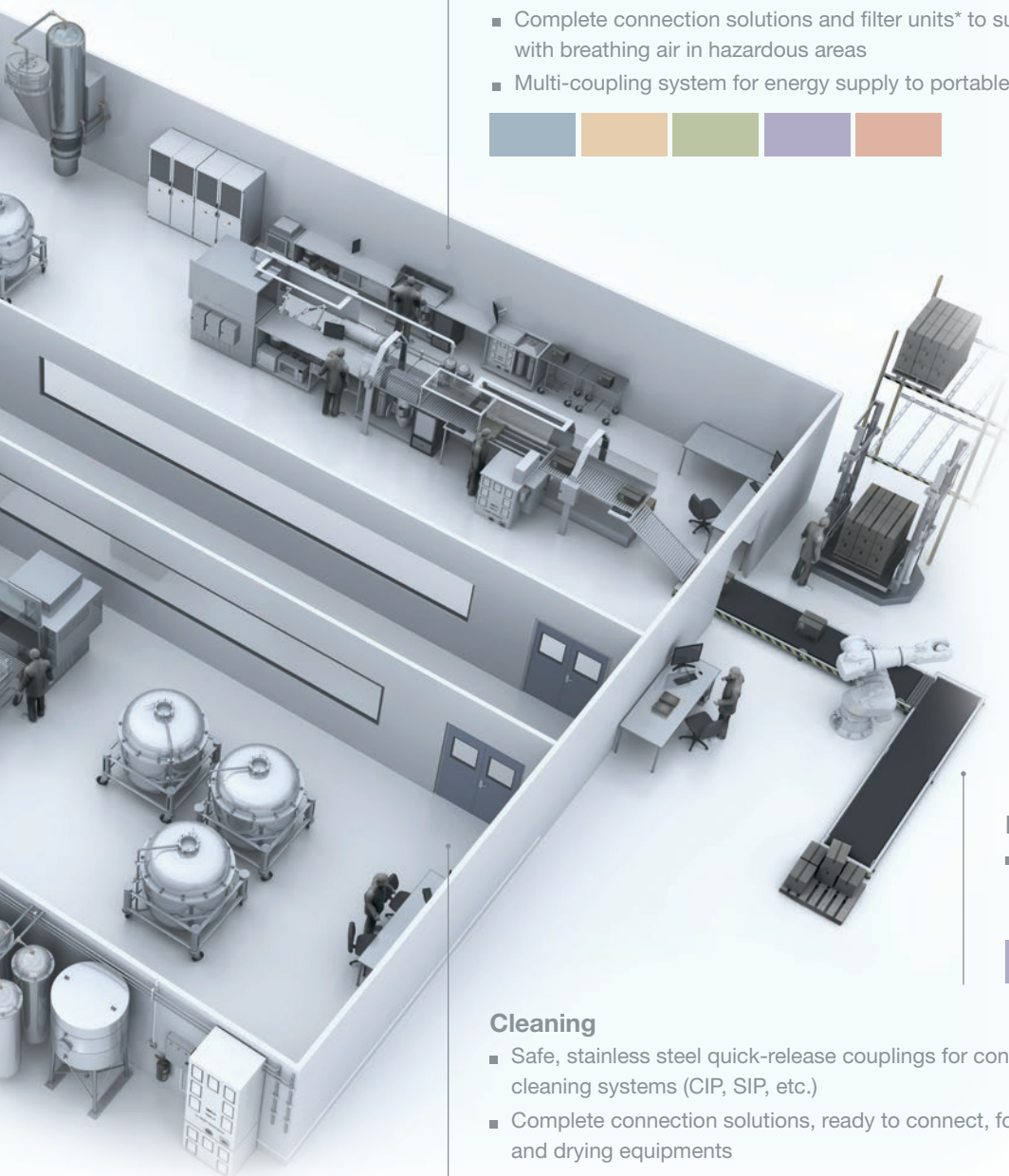
* Warning: this unit cannot be used for filtering Co and CO₂

** PPE = Personal Protective Equipment



Process / Manufacture

- Quick-release couplings with no retention areas for loading and unloading process installations
- Non-spill quick-release couplings for tank temperature control
- Sterile quick-release couplings on process for bioreactor seeding
- Complete connection solutions, ready to connect, to maintain tank under pressure and fluid transfers
- Complete connection solutions and filter units* to supply PPE** with breathing air in hazardous areas
- Multi-coupling system for energy supply to portable equipments



Logistics

- Multi-coupling system for energy supply to packing lines during production line changeovers



Cleaning

- Safe, stainless steel quick-release couplings for connecting cleaning systems (CIP, SIP, etc.)
- Complete connection solutions, ready to connect, for blowing and drying equipments





HEALTH, ENVIRONMENT, PRODUCTIVITY

Our customers can count on our knowledge of their challenges



A high degree of reliability and safety in both clean and technical areas

One of the threats in this sector is the risk of operator / product cross-contamination. To prevent operators contaminating the product and vice versa: we have significant resources for rigorous testing and qualifying.

Our aim is a perfect tightness to ensure operator safety and protect the environment. The reliability and durability of our solutions provide a high degree of safety for operators, who can respond quickly and confidently work on the machines.

Optimising quality control

Between each production phase, laboratory tests are carried out to validate the quality of your products, leading to frequent movement of tanks. Our quick-release coupling solutions make circuit connection and disconnection easier while maintaining an optimum tightness and ensuring increased productivity when carrying out the various tasks.

Ensuring efficiency when cleaning equipment

Cleaning operations are essential as there is a real risk of contamination which could lead to all or part of the production being discarded.

To avoid any loss of productivity, we pay particular attention to the ergonomics of our solutions.

Improving the quality of working life

Reduction of occupational health risks and ergonomics are major topics. We concentrate our development on lightweight, compact products that are suitable for operators, in order to prevent MSDs, while always maintaining the same high quality and safety standards.



More than
3,000
user sites



More than
20
certifications

INNOVATION AND EXCELLENCE

Concrete actions to improve your competitiveness



Knowing how to constantly combine technical performance, human responsiveness and availability, product integrity and safety is your daily reality. We share the same degree of demands in our teams and solutions, enabling us to provide the best possible support and achieve excellence and efficiency.

Relevance

Using a personalised analysis of your needs and by being involved from the earliest stage in the development of your specifications, our experts can address the specific requirements of each operating process. Based on our range of standard products, they design custom solutions to exactly meet your specific needs.

In addition, our R&D, Applications and Marketing experts have a great deal of hands-on experience in-field. They have detailed discussions with users putting themselves « in their shoes », in order to understand their position and restrictions so that they can address their specific daily needs. Making use of their experience as part of the process of continuous improvement.

Availability

There is no intermediary, and no loss of time or information, as you are in direct contact with our various departments: sales, R&D, marketing or after-sales service.

This personal relationship means that we understand each other better, capitalising on our shared expertise to provide custom solutions for your issues in the best possible timescales.

Our international presence strengthens this « reactive and proactive » relationship. It is synonymous with local service and the ability to take into account individual requirements.

Quality

Your industrial sector has stringent quality requirements, with numerous rigorous checks to avoid risks of contamination. We have the same stringent quality requirements for every quick-release coupling solution we design. To achieve this level of excellence, our solutions all undergo quality control and certification, demonstrating our commitment to this continuous process.



Innovation

Innovation is a driving force for growth and has always been part of our DNA. Every day, we develop new cutting-edge standard and individualised connection solutions which meet your needs and the specific requirements of your industrial sector ever more closely.

Adaptability to regulatory requirements

Our R&D and Quality experts can incorporate your requirements right from the design stage, to deal with the constantly changing compliance and certification rules. They make use of scalable solutions that maintain what has been achieved so far, while adapting to new requirements.

Support, training and after-sales service

Whether it is for system installation, user training or after-sales service, our dedicated teams are at your disposal working with you to meet your needs. The availability of our teams means that we can provide you with a fast, personalised response.







OUR TECHNICAL STRENGTHS

Unique expertise offering complete solutions for the pharmaceutical industry

The advantages of our solutions

The stringent requirements in the pharmaceutical, biotechnology and cosmetics sectors demand that fluid and electrical circuit connections are totally secure.

By choosing Stäubli, you benefit from solutions that address the specific requirements of your environment.

Ideal for your requirements:

- Sterile connections with no retention areas.
- Sterilisable and radiation sterilisable couplings.
- NF EN 10204 2.2 or 3.1 quality or material compliance certificates available on request.

High-quality connections:

- Optimum flow, no risk of connection errors and tightness guaranteed on all the circuits in the environment: gas (hydrogen, argon, steam, helium, etc.), liquid (solvents, acid, etc.), high pressure, rough vacuum and high conductivity of electrical contacts.
- Protection of installations, production environments and operators resulting from the use of non-spill connections.

Usability:

- Compact connectors for space-saving design, automatic coupling and easy handling.

Robust connections:

- Made of steel, stainless steel or specific material for integration in any type of environment including corrosive atmospheres.
- Robust locking system and longer connector service life.

Endless possibilities:

- Wide range of flow diameters.
- Numerous types of seal (EPDM, FFKM, PTFE, etc.), including FDA or USP quality class 6 (on request), and fitting types (Clamp, welded interface, roller hemming, etc.).
- Numerous options (visual identification, locking systems, etc.).
- Complete solutions on request (connection units, hose reels, etc.).
- Personalised multi-energy solutions (gas, fluids, electric, optical fibre, etc.) also available on request.



■ Stäubli Units ○ Agents

Global presence of the Stäubli Group

www.staubli.com