



Bucher Biotec AG
Viaduktstrasse 42
CH-4051 Basel, Switzerland

Tel. +41 (0)61 269 1111
Fax +41 (0)61 269 1112
info@bucher.ch
www.bucher.ch



Company Profile

Bucher Biotec AG is a privately held Swiss distributor company representing some of the most advanced US, European and Asian manufacturers of highly innovative life science research instrumentation, associated reagents and consumables. Names of our principals and their major products and technologies are listed on the reverse side.

Founded in 1978 by Paul and Anna Bucher the company management in 2003 changed to the next generation. Marc Bucher has taken over the lead of the company as CEO and Chairman. Anna and Paul Bucher remain members of the board.

We are extremely proud of our distinguished customer base in the pharmaceutical, biotechnology, agricultural, food and related industries, in all life science research oriented academic institutions, in numerous governmental, clinical and environmental labs and in all of the university hospitals.

Our highly competent, well educated team is focused on understanding our customer's needs in order to propose optimal solutions for demanding research tasks enabling the acceleration of scientific exploration.

Company Mission

Since our inception we strive to provide a truly high standard in customer support, pre- and post-sales, applications support as well as a comprehensive technical service.

Product Portfolio



From rare cells to T-cells, the **Applied Cells MARS system** can isolate target cells with high recovery, high purity, and high throughput (3H Solutions). Applied Cells' unique multi-physics approach provides enabling research and cost-effective clinical solutions to the field of Genomics, Tumor Biology, and Cell Therapy with full automation for every lab.



Bionano Genomics' Ionic Purification System uses isotachopheresis (ITP) to extract, purify, and concentrate genomic DNA and RNA from cells and FFPE. DNA and RNA samples prepared by the system are pure, abundant, and ready in just 60 minutes. The purified nucleic acids are then immediately compatible with a wide range of downstream detection methods, including next-generation sequencing, PCR, and other genomic tests.



CytoTronics is transforming cell biology discovery with its high-throughput, semiconductor-based platforms. The **Pixel systems** provide **live cell insights with single-cell resolution across all cell types**. By seamlessly integrating semiconductors with conventional microplates, Pixel unlocks multi-modal electrical, electrochemical, and electrophysiological capabilities, delivering an unprecedented scope of data collection and scale-up for cell biology research, drug development, and pharmaceutical manufacturing.



The revolutionary touch chemiluminescence imaging technology of **e-Blot** makes full advantage of this high sensitivity method. The **TouchImager** overcomes many shortcomings of cooled CDD imaging, and improves the imaging sensitivity, 2-3 logs higher quantitative range and efficiency, leading western imaging into a whole new era. TouchImager by e-Blot is pioneering the next generation **Western Blot imaging** technology.



Gelomics' LunaGel photo-crosslinking technology enables you to create **highly controlled 3D tissue culture** models in a matter of minutes. LunaGel allows unprecedented control over matrix porosity and stiffness. No growth factors – no batch-to-batch variation – no refrigeration when pipetting.



Logos Biosystems' X-CLARITY™ Tissue Clearing System provides an all-in-one solution for electrophoretic tissue clearing. Combining an innovative electrode design and an integrated cooling system, the system allows for rapid and consistent tissue clearing. Transparent tissues are easily obtained with the X-CLARITY™. Logos Biosystems, well known for its platinum awarded **LUNA automated cell counter and Microbial Cell Counter family**, recently launched the **CELENA S™ Digital Cell Imaging System** as well as the **CELENA X™ Automated High Content Imaging System**.



The **Mission Bio Tapestri®** is the industry's first scalable, customizable, **single-cell DNA analysis platform**. It was developed to help advance precision medicine by enabling the accelerated and accessible detection of genomic variability within and across cell populations. Leveraging proprietary droplet microfluidics, the platform unlocks access to DNA at the single-cell level with a novel two-step protease workflow. This methodology provides flexibility for additional applications and customization capability.



NanoCollect provides microfluidic flow cytometry platforms, enabling biomedical scientists to analyze and sort cells required for drug discovery, diagnostics, and basic research. The **gentle WOLF Sorter** is a sterile, high-viability sorter that can dispense cells into tubes as well as 96 and 384 well plates. The new **VERLO** is World's First Two-Laser **Image-guided Cell Sorter**.



Quantum-Si brings the groundbreaking power of single-molecule proteomics with the first-to-market **Next-Generation Protein Sequencer™** to every lab, everywhere. Detecting single amino acids through binding kinetics, the innovative **Platinum® bench-top sequencer** is highly sensitive to protein variants, enabling deep interrogation of proteins to deliver breakthrough insights.



S2 Genomics bench-top **Singulator System Family** and its single-use cartridges enable reproducible, rapid and hands-off tissue dissociations into single-cell or nuclei suspensions. Its ability to perform cold dissociation minimizes the expression of stress-related genes in cells and helps preserve RNA quality in nuclei. Researchers can now easily obtain suspensions of nuclei or high-viability cells for a wide range of single-cell analyses.



Vizgen's MERSCOPE Platform is powered by the proprietary MERFISH (Multiplexed Error-Robust Fluorescence *in situ* Hybridization) technology, a quantitative and genome-scale multiplexed imaging technique for identifying nucleic acids in their native tissue environment with resolution scaling from subcellular to tissue scale. Vizgen is dedicated to pioneering the next generation of genomics, providing tools that demonstrate the possibilities of *in situ* single cell spatial genomics, setting the standard for the spatial genomics field. These tools are enabling researchers to gain new insight into the biological systems that govern human health and disease with spatial context.



Xcell Biosciences, Inc., is developing revolutionary products and workflows that empower scientists in important fields including cancer research, immunology, stem cell biology, and cell therapy development. Xcell's **Avatar™ system**, offers a powerful new tool allowing for complete control of key physiological conditions found in cellular microenvironments.

