Total solution provider
for next generation biomanufacturing

turning science into solutions
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At Sartorius Stedim Biotech, we work together for one primary goal: To provide our customers with the best solutions for their processes. That’s why we deliver across the board. Our products and services cover the biopharmaceutical industry’s entire process chain – from development and quality assurance to production. We are your experts for single-use and reusable technologies and added-value services. Our forte lies in helping you produce biopharmaceuticals rapidly, reliably and profitably.

**Strong global leader in technology and innovation**
Our strong roots in the scientific community and close collaboration with customers and technology partners stand as proof of our dedication to the company philosophy of “turning science into solutions.” Sartorius Stedim Biotech makes this a reality every single day – all across the globe. As pioneers in single-use biopharmaceutical technologies, we set the trends in fermentation, filtration, purification, fluid management and laboratory technologies as well as a host of related services.

**We’re your complete source**
Sartorius Stedim Biotech offers the most comprehensive range of innovative products and services for your entire development and production process: from discovery of target drugs, process development, scale-up and manufacture all the way to regulatory compliance. We know how to help you perfect the interaction between upstream and downstream process steps. Our scalable products featuring consistent technologies enable you to develop your processes fast, flexibly and cost-efficiently. Discover how Sartorius Stedim Biotech will leverage your time to market, compliance and manufacturing costs.

**Your success matters to us**
We work side by side with you to create the best, innovative solutions just right for you. Because we know that every process is unique. Whether conducting on-site plant and process surveys together with you or testing processes at our technical support centers and pilot plants, our specialists are committed to meeting – and exceeding – your needs. This is why customers have come to rely on us for our outstanding technical support and expertise.
At home around the globe
Creating success together

Sartorius Stedim Biotech — we are more than 2,300 employees strong. Every individual shapes our company's special identity through his or her personality, nationality and culture. Sartorius's employees are appreciated the world over for their profound knowledge, exceptional skill, outstanding commitment and many years of experience. Working as a global team, they deliver the results you need to succeed in your business.

We are where you need us

With production and R&D facilities on three continents and a global network of sales companies, Sartorius Stedim Biotech is available to serve your needs around the globe. Our strong local teams are thoroughly familiar with your specific regional standards and requirements. Thinking globally and acting locally — this is the perfect combination to give you custom-tailored Sartorius Stedim Biotech solutions wherever you need us.
Stay ahead with our single-use technologies
Single-use technologies and equipment from Sartorius Stedim Biotech enable you to meet the rapidly changing requirements of the biopharmaceutical industry. Join our regular customers who rely on Sartorius Stedim Biotech single-use products in all biopharmaceutical process phases to enhance their production capacity and process flexibility, while maintaining the highest quality. Our single-use concepts prevent cross-contamination during protein capture, eliminate cost-intensive cleaning cycles and validation, and save time when you need to produce different products simultaneously.

Single-use products and applications
- Advanced cell culture systems and bioreactors for lab and process scale
- Scalable range of filter capsules for upscale- and downscale applications
- Scalable range of capsules for membrane chromatography and virus filtration
- Scalable range of crossflow cassettes
- Aseptic bags, containers and fluid management systems
- Aseptic transfer systems
- Leading-edge sensors
- Customized solutions

Membrane chromatography with Sartobind® Q Mega

Top: MaxiCaps® for upstream and downstream applications
Bottom: Biosafe® fluid transfer system
Total solution provider for next generation biomanufacturing
Fermentation technologies
The widest range of bioreactors and fermentors from benchtop to process scale and from single-use to reusable technologies.

Filtration technologies
A complete, scalable array of filter capsules and cartridges for all bioprocessing steps – backed by decades of experience in filter technologies.

Purification technologies
Leading in crossflow filtration, membrane chromatography and virus clearance technologies for state-of-the-art initial recovery and polishing or contaminant removal in biomanufacturing.

Scalable laboratory technologies
Advanced and scalable cell culturing, filtration and purification technologies as well as microbiological analysis and lab water systems.

Fluid management technologies
Pioneers and leaders in single-use systems, freeze-thaw processing and aseptic transfer systems, with the most extensive capabilities for creating fully integrated, single-use biomanufacturing solutions.

Services
Dedicated experts for process optimization, validation, regulatory support as well as equipment qualification and maintenance – rapidly deployable and globally available.
Products and applications

- Autoclavable bioreactors
- Production bioreactors
- Single-use bioreactors
- High-throughput bioreactors
- Perfusion bioreactors
- Controller and data log-in towers
- Reusable and single-use sensors
Parallel and fully independent control of up to twelve scalable culture vessels with BIOSSTAT® Q plus

Sartorius Stedim Biotech supplies the widest range of bioreactors and fermentors, from benchtop to process-scale and from single-use to reusable versions. Its BIOSSTAT® series is synonymous worldwide for cutting-edge technology and the most advanced software tools. What’s more, their modularity enables you to upgrade available installations conveniently and cost-effectively.

Sartorius Stedim Biotech performs process modelling to provide the widest variety of pace-setting agitation and gassing strategies for its reusable and single-use bioreactor portfolio. This gives you a real choice to suit your specific application needs.

Engineering and installation of process-scale production lines at Sartorius Stedim Systems in Melsungen, Germany

Autoclavable BIOSSTAT® A plus fermentor system for educational and R&D applications
Filtration technologies
Sartorius Stedim Biotech’s scalable array of filter capsules and cartridges for all bioprocessing steps is backed by decades of experience in filter technologies. Brand names like Sartopore®, Sartobran® and Sartoclean® deliver outstanding filtration results and reliability that outperform the benchmarks.

Sartorius Stedim Biotech’s filtration performance is not just limited to providing outstanding flow rates, throughputs or yield enhancements. It is also supported by a rigorous quality and process control system to guarantee the highest batch-to-batch consistency, quality and traceability. Moreover, our knowledgeable experts who actively shape regulatory policies provide application and validation services to ensure your regulatory compliance, no matter where you are in the world.

Products and applications
- Pre- and clarification filters
- Sterilizing-grade filters for liquids
- Sterilizing-grade filters for air and gas
- Specialty filters for mycoplasma removal
- Filter integrity test systems
- Filter housings
- OEM and diagnostic membranes

Single-use MidiCaps® sterilizing-grade filter
Products and applications

- Cell clarification | Removal
- Membrane chromatography
- Ultrafiltration
- Concentration and diafiltration
- Virus clearance
Purification technologies

Purification is the highest value-adding step within the biopharmaceutical manufacturing process. To meet your requirements for product quality, productivity and efficiency, we provide solutions that go beyond current conventional limits. Our sophisticated concepts employ integrated unit operations and scalable single-use technologies.

Our Sartobind® technology for membrane chromatography is a benchmark in the industry and is currently revolutionizing the world of biochromatography for “polishing.” Moreover, our crossflow cassettes incorporating our innovative, proprietary Hydrosart® membrane boost your product yield and performance. Novel tools and an integrated technology platform for virus clearance keep your products safe.

Our highly knowledgeable and experienced application specialists are eager to assist you on site for developing your applications and implementing your processes – all over the world. Sartorius Stedim Biotech is your partner of choice for state-of-the-art initial recovery and contaminant removal.
Fluid management technologies
**Products and applications**

- Aseptic bag assemblies
- Containers
- Transportation systems
- Mixing systems
- Transfer systems
- Connecting and disconnecting systems
- Freeze and thaw systems
- Drug delivery systems

Sartorius Stedim Biotech is the pioneer and leader in single-use systems and aseptic transfer systems, with the most extensive capabilities for creating fully integrated solutions. Flexel® and Flexboy® bags have proven their efficacy over a million times in single-use fluid management applications. And our solutions for freeze-thaw processing are sophisticated beyond state-of-the-art technology.

Thanks to our unique experience in single-use systems, we engineer and manufacture customized products and assemblies with the same high level of quality and reliability of uninterrupted, long-term supply capability as for our standard products.
Scalable laboratory technologies

Join our key customers who have selected Sartorius Stedim Biotech as their preferred partner for research and development in the biotech industry and the public sector. We provide advanced and scalable cell cultivation, filtration and purification equipment as well as a broad range of microbiological testing equipment and lab water systems.

Benefit from the comprehensive Sartorius Stedim Biotech product and service portfolio designed for development and optimization of your production processes. Experience just how much faster, safer and more economically you can scale up your processes with predictable results, all the way from lab to production scale.

Products and applications

- Filtration
- Protein concentration and purification
- Microbiological analysis
- Cell cultivation systems
- Laboratory water systems
- Homogenizers and centrifuges

Biosart® single-use funnels and Microsart® e.Motion filter dispenser for colony count applications
Dedicated Services
Our capabilities are your key to success. Source all your needs from one reliable partner for process optimization, customized validation and regulatory support, backed by practical training courses and instrument services.

We are aware of our responsibilities toward the success of your business, and take them seriously. That's why we are rapidly deployable and globally available. You can expect the very best in science-driven consulting services, maximum regulatory expertise by our specialists – who are active on international advisory and regulatory boards – fast turnaround, on-site support and globally valid standards from Sartorius Stedim Biotech. But don’t take our word for it. We invite you to see for yourself. Count on the people who know your industry inside and out: Sartorius Stedim Biotech.

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Range of services offered

- The most comprehensive validation studies for filters, bags and many other process components
- 30-day commitment for any validation study
- IQ/OQ support
- Equipment maintenance and emergency repairs
- Training seminars and customized workshops

To us, full service means testing all your suppliers’ products, not just ours.

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Top: Instrument services – we take our responsibilities seriously in order to ensure your productivity

Bottom: Comprehensive, documented validation studies in just 30 days
Sales and Service Contacts
For further contacts, visit www.sartorius-stedim.com

Europe

Germany
Sartorius Stedim Biotech GmbH
August-Spindler-Strasse 11
37079 Goettingen
Phone +49.551.308.0
Fax +49.551.308.3289
www.sartorius-stedim.com

Sartorius Stedim Systems GmbH
Schwarzenberger Weg 73–79
34212 Melsungen
Phone +49.5661.71.3400
Fax +49.5661.71.3702
www.sartorius-stedim.com

France
Sartorius Stedim Biotech S.A.
Z.I. des Paluds
Avenue de Joquyes – BP 1051
13781 Aubagne Cedex
Phone +33.442.845600
Fax +33.442.845619

Sartorius Stedim France
4, rue Emile Baudot
91127 Palaiseau Cedex
Phone +33.1.6920.0922

Austria
Sartorius Stedim Austria GmbH
Franzosenograben 12
A-1030 Vienna
Phone +43.1.7965763.18
Fax +43.1.79657634

Belgium
Sartorius Stedim Belgium N.V.
Leuvensesteenweg, 248/B
1800 Vilvoorde
Phone +32.2.756.06.80
Fax +32.2.756.06.81

Denmark
Sartorius Stedim Nordic A/S
Hoerskaetten 6D, 1.
DK-2630 Taastrup
Phone +45.7023.4400
Fax +45.4630.4030

Netherlands
Sartorius Stedim Netherlands B.V.
Edisonbaan 24
3439 MN Nieuwgein
Phone +31.30.6025080
Fax +31.30.6025099

Spain
Sartorius Stedim Spain SA
C/Isabel Colbrand 10–12,
Planta 4, Oficina 121
Poligono Industrial de Fuencarral
28050 Madrid
Phone +34.91.3586102
Fax +34.91.3588804

Switzerland
Sartorius Stedim Switzerland GmbH
Lerzenstrasse 21
8953 Dietikon
Phone +41.44.741.05.00
Fax +41.44.741.05.09

U.K.
Sartorius Stedim UK Limited
Longmead Business Park
Blenheim Road, Epsom
Surrey KT19 9 QG
Phone +44.1372.737159
Fax +44.1372.726171

America

USA
Sartorius Stedim North America Inc.
131 Heartland Blvd.
Edgewood, NY 11717
Toll-Free +1.800.368.7178
Fax +1.631.254.2453

Sartorius Stedim SUS Inc.
1910 Mark Court
Concord, CA 94520
Phone +1.925.689.6650
Fax +1.925.689.6988

Sartorius Stedim Systems Inc.
201 South Ingram Mill Road
Springfield, MO 65802
Phone +1.417.873.9375
Fax +1.417.873.9275

Argentina
Sartorius Argentina S.A.
Int. A. Avalos 425
B1605ECS Munro
Buenos Aires
Phone +54.11.4721.0505
Fax +54.11.4721.0506

Brazil
Sartorius do Brasil Ltda
Av. Dom Pedro I, 241
Bairro Vila Pires
Santo André
São Paulo
Cep 09110-001
Phone +55.11.4451.6226
Fax +55.11.4451.4369

Mexico
Sartorius de México S.A. de C.V.
Circuito Circunvalación Poniente No. 149
Ciudad Satélite
53100 Naucalpan, Estado de México
Phone +52.5555.62.1102
Fax +52.5555.62.2942

Asia | Pacific

China
Sartorius Stedim Beijing
Representative Office
No. 33, Yu’an Road,
Airport Industrial Zone B, Shunyi District
Beijing 101300
Phone +86.10.80426516
Fax +86.10.80426580

Sartorius Stedim Shanghai
Representative Office
Room 618, Tower 1, German Centre,
Shanghai, PRC., 201203
Phone +86.21.28986393
Fax +86.21.28986392.11

Sartorius Stedim Guangzhou Office
Room 704, Broadway Plaza,
No. 233–234 Dong Feng West Road
Guangzhou 510180
Phone +86.20.8351.7921
Fax +86.20.8351.7931

India
Sartorius Stedim India Pvt. Ltd.
10, 6th Main, 3rd Phase Pecenia
KIAIB Industrial Area
Bangalore – 560 058
Phone +91.80.2839.1963/0461
Fax +91.80.2839.8262

Japan
Sartorius Stedim Japan K.K.
KY Building, 8–11
Kita Shinagawa 1-chome
Shinagawa-ku
Tokyo 140-0001
Phone +81.3.3740.5407
Fax +81.3.3740.5406

Malaysia
Sartorius Stedim Malaysia Sdn. Bhd.
Lot L3-E-3B, Enterprise 4
Technology Park Malaysia
Bukit Jall
57000 Kuala Lumpur
Phone +60.3.8996.0622
Fax +60.3.8996.0755

Singapore
Sartorius Stedim Singapore Pte. Ltd.
10, Science Park Road, The Alpha
#02–25, Singapore Science Park 2
Singapore 117684
Phone +65.6872.3966
Fax +65.6778.2494

Australia
Sartorius Stedim Australia Pty. Ltd.
Unit 17/104 Ferntree Gully Road
Waverley Business Park
East Oakleigh, Victoria 3166
Phone +61.3.9590.8800
Fax +61.3.9590.8828

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