ASEPTCONN AG

Swiss precision. Sterile performance.

CUSTOM SINGLE-USE ASSEMBLIES

Custom-engineered single-use assemblies designed around your process

From development and clinical production to commercial manufacturing, Aseptconn delivers custom sterile flow-path solutions that help biopharmaceutical manufacturers improve efficiency, maintain compliance, and accelerate time to market.



Certification ISO 13485
in progress

Swiss Reliability

Sterile Fluid Transfer

ANNEX 1 Compliant

Your partner. Your two cleanrooms. Your complete solution Provider.

www.aseptconn.ch

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WHERE PROCESS MEETS EXPERIENCE

From Concept to Delivered Assembly

Every bioprocess is unique. That's why every Aseptconn assembly is engineered around your application, operating conditions, regulatory requirements, and preferred components.

Our structured development approach ensures speed, quality, and confidence from the first discussion through commercial production.

Why Customers choose Aseptconn

- No minimum order quantity
- Consignment stock programs
- Rapid prototype turnaround
- Full documentation and traceability
- Swiss quality manufacturing
- Brand-independent component sourcing

The Aseptconn Process

1. Consult
Define requirements, compatibility, conditions, and components.

2. Design
Optimize the flow path and create 3D CAD models.

3. Approve
Review drawings, finalize specs, and validate prototypes.

4. Build
Manufactured in our ISO 14644-1 Class 7 cleanroom.

5. Verify
Inspected, tested, documented, and optionally integrity-tested.

6. Deliver
Global shipment with complete lot traceability and regulatory documentation.

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SOLUTIONS FOR EVERY BIOPROCESS STAGE

Custom Assemblies Built Around Your Workflow

Whether you are preparing media, transferring product, performing filtration, or executing final fill operations, Aseptconn assemblies are designed to integrate seamlessly into your process.

We combine industry-leading components, advanced connection technologies, and cleanroom manufacturing expertise to create assemblies that simplify operations and reduce risk.

Upstream Processing

- **Media Preparation & Buffer Handling:**
  Reliable assemblies for media transfer, mixing, storage, and preparation.
- **Cell Culture & Fermentation:**
  Sterile fluid paths designed to support process consistency and contamination control.
- **Sampling Solutions:**
  Closed sampling systems for safe, accurate process monitoring.

Downstream Processing

- **Harvest & Clarification:**
  Custom assemblies designed to support efficient product recovery and fluid transfer.
- **Filtration & TFF:**
  Integrated solutions incorporating filters, sensors, and pressure-resistant connections.
- **Chromatography Support:**
  Flexible assembly configurations that simplify purification workflows.

Fill-Finish Operations

- **Sterile Filtration:**
  Validated assemblies designed for critical sterile processing applications.
- **PUPSIT Assemblies:**
  Engineered for Annex 1 compliance and contamination control.
- **Final Filling & Transfer:**
  Ready-to-use sterile systems that save time and improve efficiency.

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ENGINEERED WITHOUT LIMITATIONS

Freedom to Design Around Your Process

Unlike closed-platform suppliers, Aseptconn integrates components from any qualified manufacturer.

This gives customers complete flexibility to maintain preferred suppliers, reduce qualification-bioburden, and optimize performance.

Component Building Blocks

Tubing Systems	Silicone, TPE, FEP, PVC, braided tubing, and peristaltic pump tubing options.
Connectors	Aseptic connectors, quick disconnects, Tri-Clamp connections, hose barbs, and Luer fittings.
Filters	Capsule filters, vent filters, TFF devices, hollow fiber systems, and filtration assemblies.
Sensors	Pressure, flow, temperature, conductivity, UV, turbidity, and process monitoring solutions.
Valves & Fittings	Pinch valves, diaphragm valves, check valves, reducers, tees, crosses, and custom configurations.
Containers	2D bags, 3D bags, bottles, carboys, flasks, and customized storage solutions.

Connection Technologies

Laser Welded	Permanent, reliable sterile connections.
Overmolded	Robust leak-free designs for demanding applications.
Hose-Barb Connections	Flexible and cost-effective assembly options.
High-Pressure Designs	Engineered for critical process requirements.

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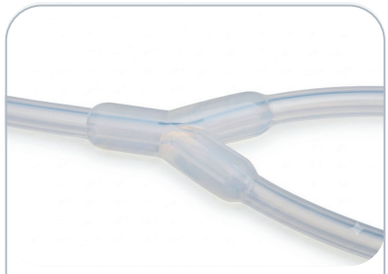
PRODUCT SOLUTIONS



Custom Single-Use Assemblies
Fully customized flow paths designed around your process.



Overmolded Products
Durable, leak-resistant connections that improve reliability and reduce assembly complexity.



Bioprocess Bag Assemblies
2D and 3D bag systems configured for storage, transfer, mixing, and processing.



Bottle & Carboy Assemblies
Ready-to-use solutions for fluid handling, transport, and storage.



Single-Use Mixing Systems
Pre-assembled systems designed to simplify media and buffer preparation.



Bottle Closure Systems
Secure sterile closure solutions that support contamination control.



PUPSIT Assemblies
Validated configurations engineered for sterile filtration applications.

From Standard Configurations to Fully Customized Systems

Aseptconn provides complete assembly solutions tailored to specific applications and manufacturing requirements.

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QUALITY WITHOUT COMPROMISE

Built for Compliance, designed for Confidence.

Quality is embedded into every stage of the Aseptconn manufacturing process.

From material selection and cleanroom assembly to sterilization and documentation, every assembly is produced with a focus on consistency, traceability, and regulatory compliance.

Quality and Compliance

- ISO 9001:2015 Certified QMS
- ISO 13485 Certification (in progress)
- ISO 14644-1 Class 7 Cleanroom Manufacturing
- USP Class VI & ISO 10993 Biocompatible Materials
- FDA 21 CFR, REACH & RoHS Compliant Components
- Animal Origin Free (AOF) · ADI/BSE/TSE Free
- Gamma & X-Ray Sterilization (ISO 11137, SAL 10^{-6})
- Annex 1 Manufacturing Support
- Full Material & Lot Traceability
- CoC, CoI & Validation Documentation
- Extractables & Leachables Support
- Digital Quality Documentation via QR Code

Sterilization Options

NON-STERILE
- Supplied non-sterile

PRE-STERILE
- Gamma or X-Ray sterilized

VAL-STERILE
- Validated sterile assemblies with SAL 10^{-6} in accordance with ISO 11137

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REGULATORY SUPPORT AND SUSTAINABILITY

Documentation that supports your Approval Process

Aseptconn provides the documentation required to support qualification, validation, and regulatory submissions.

Available support includes:

- Certificates of Compliance
- Material Documentation
- Sterilization Records
- Traceability Documentation
- Validation Packages
- Integrity Testing Reports
- Extractables & Leachables Information

Committed to Responsible Manufacturing

Sustainability is integral to how we operate.

Aseptconn is currently pursuing an EcoVadis rating, reflecting its ongoing commitment to improving environmental performance, strengthening responsible sourcing practices, and supporting sustainable manufacturing initiatives.

Our approach focuses on:

- Responsible supplier partnerships
- Efficient resource utilization
- Waste reduction initiatives
- Continuous process improvement
- Long-term sustainable growth

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YOUR SINGLE-USE PARTNER FROM CONCEPT TO COMMERCIALIZATION

From prototype development and clinical manufacturing through commercial production, Aseptconn provides the expertise, flexibility, and quality required for today's most demanding bioprocessing applications.



- Swiss Reliability.
- Sterile Fluid Transfer.
- One Partner, End-to-End.
- Request a custom quote within 48 hours.

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