

Custom Single-Use Assemblies

Getting Your Process Right, Means Getting Your Assembly Right



Your research, development, and manufacturing process is unique – the solutions to advance it should be too.

At HPNE, our mission is to ensure you have the right solution to achieve your bioprocessing objectives, whether that solution is off the shelf, engineered to your individual specifications, or completely customized. We're here to deliver innovative single-use assemblies to support your bioprocess from discovery to commercial launch.



What We Do

HPConnexx is our completely customizable single-use assembly solution. From concept to full scale production, our team of experts with their deep understanding of bioprocessing and technical unit operations, will ensure the development of your unique single-use solution for your unique process. Whether you need one assembly or one thousand, we have no minimum order size and offer competitive lead times. The assembly you need, *the way you need it*.

The HPConnexx Order Fulfillment Process



Customer



HPNE

- CONCEPTION: Sketch out your assembly and complete our intake form including:
 - Application and chemical compatibility requirements
 - Pressure/temperature requirements
 - Preferred components
- H ENGINEERING: We assess and prepare the design in SolidWorks®
- C APPROVAL: You approve the final design and sign off on the PO
- H PROCUREMENT: We reserve in-house stock or procure necessary parts
- H PRODUCTION: We build the assembly
- H QUALITY CONTROL: We sterilize and implement rigorous QC with optional integrity testing
- H LOGISTICS: We pack and ship the assembly anywhere globally to your facility:

 Assemblies are hand-delivered to sites in the Northeast US

SolidWorks® is a registered trademark of Dassault Systèmes SolidWorks Corp.



COMPONENT AGNOSTIC

We work with all brands of tubing, sensors, filters, connectors and more, without bias



ORDER 1 PIECE, OR 1,000

Most bioprocesses start small, so we never impose minimum order quantity



RELIABLE, RAPID DELIVERY

Our assembly delivery times are measured in weeks, not months

Fluid Management Applications

HPConnexx can be implemented across any aqueous-based biopharmaceutical GMP production process that has adopted the single-use format. Specific applications include:



Cell Culture Buffer + Media Prep



Fill-Finish
Final Formulation



Harvest Clarification



Tangential Flow Filtration
Virus Filtration
Sterile Filtration



Our Library of Solutions

HPNE acts as an extension of your team to bring your vision to life. Whether your needs are downstream or upstream, our countless years of industry experience enable us to supply flexible solutions to our customers utilizing our extensive component library. We offer a unique assembly process, with the ability to use components from any brand or company – without restriction. Unlike our competitors, we reduce the traditional wait times associated with adding parts to a component library, through our innovative internal processes.

Build Your HPConnexx Single-Use Tubing Assembly Bill of Material							
TUBING +	CONTAINERS -	PUMP HEADS	+ SENSORS	+ CONNECTORS	+ FILTERS	+ VALVES +	+ FITTINGS
Silicone	2D bag	Diaphragm	Pressure	Aseptic	Capsule	Pinch	Т
TPE	3D bag	Centrifugal	Flow	Quick Disconnect	Cartridge	Clamp	Υ
Braided	Bottle	Dispensing	Temperature	Hose Barb	Hollow Fiber	Diaphragm	Cross
FEP	Centrifuge	Piston	Conductivity	TC	Vent	Check	Elbow
Pharmed	Flask		UV				Reducer/ Straight
PVC			Turbidity				Luer



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Get In Touch

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