

# 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<sup>\*\*</sup> 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









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<sup>™</sup> 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<sup>™</sup> 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	+ CONTAI	NERS -	+ PUMP HEADS	+	SENSORS	+	CONNECTORS	+	FILTERS	+	VALVES	+	FITTINGS
Silicone	2D b	ag	Diaphragm		Pressure		Aseptic		Capsule		Pinch		Т
TPE	3D b	ag	Centrifugal		Flow	(	Quick Disconnec	:	Cartridge		Clamp		Υ
Braided	Bott	le	Dispensing	Te	emperatur	е	Hose Barb	F	lollow Fibe	r	Diaphragn	1	Cross
FEP	Centri	uge	Piston	C	Conductivity	/	TC		Vent		Check		Elbow
Pharmed	Flas	k			UV								Reducer/ Straight
PVC					Turbidity								Luer



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# **Get In Touch**

#### **Learn More**

