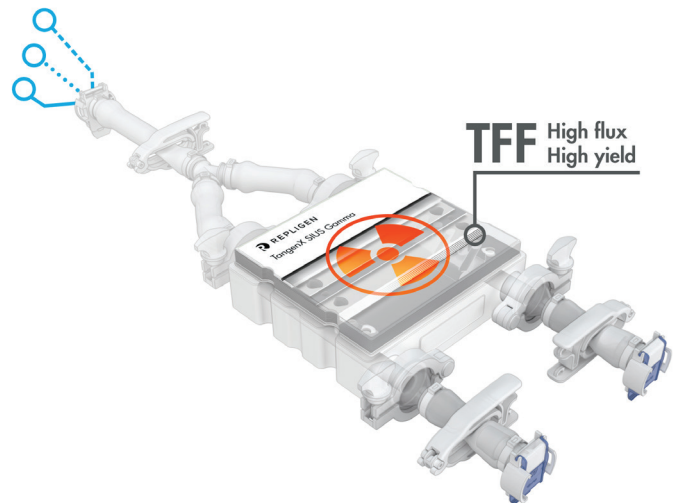


# Performance TFF in a closed device with connection freedom

TangenX™ SIUS™ Gamma filtration devices harness the performance and efficiencies of TangenX™ SIUS™ membranes and cassettes with the convenience of a fully assembled, closed and irradiated system. Acclaimed performance with up to a 30% flux increase over conventional membranes, connectivity freedom and a library of molecular weight cutoffs, surface areas, chemistries and screen types converge into one, simple single-use flat-sheet solution. Manufactured under ISO 9001, every unit is integrity tested and quality tested.



## Connectivity made simple

Building closed systems can be challenging given the diversity of connectivity options available. TangenX™ SIUS™ Gamma Cassettes make your life easier by giving you connectivity choices. Either configure a ProConnex® flow path based on your specification, select a pre-built ProConnex® flow path that is ready-to-ship or simply plug the filtration device into your existing flow path with genderless AseptiQuik® connectors.



### CONFIGURED FOR YOU

Build a specification-based flow path from a library of over 400 components with individual quality testing.



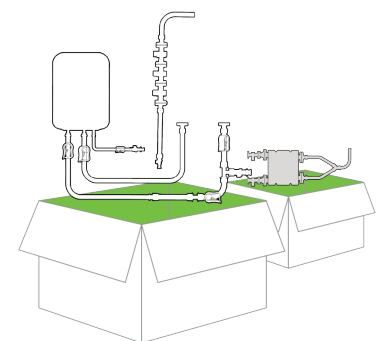
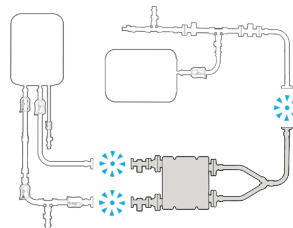
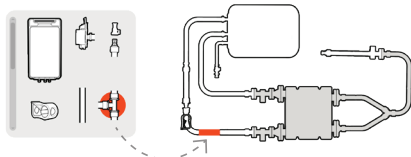
### PLUG INTO EXISTING

Leverage the flexibility of genderless connectors and seamlessly connect to your existing flow path.



### READY TO SHIP

Order a pre-built and quality tested off-the-shelf ProConnex® flow path stocked for rapid delivery.



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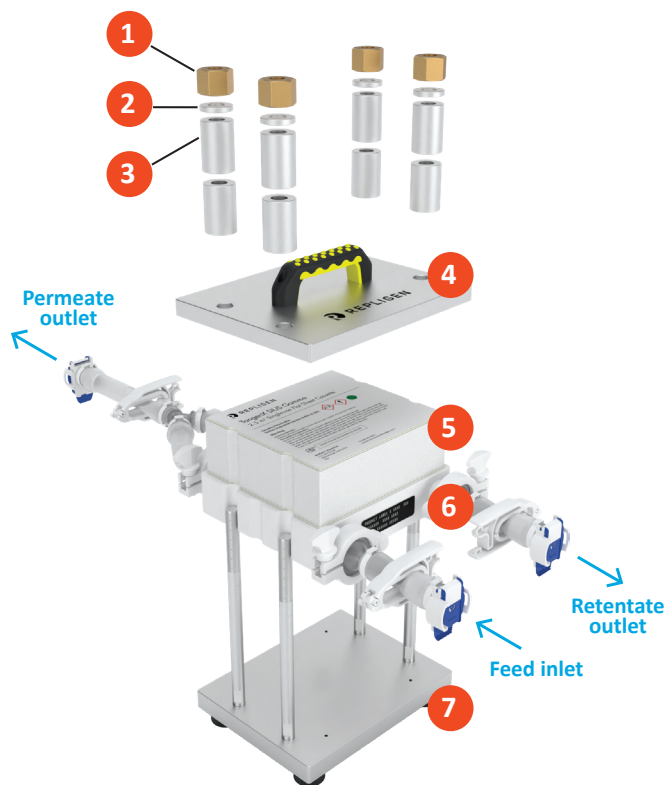
**REPLIGEN**  
INSPIRING ADVANCES IN BIOPROCESSING

# Clamp and go. It's that easy.

The TangenX™ SIUS™ Gamma device arrives as a fully assembled closed device, including cassette, manifold, clamps, tubing and genderless AseptiQuik® connectors. Simply clamp into a holder, make your flow path connections and run your process.

### Components

1. Hex nut
2. Washer
3. 2" or 1" tie-rod spacer(s)
4. Holder top plate
5. TangenX™ SIUS™ Gamma Cassette
6. Manifold
7. Holder bottom plate



4-bolt standard clamp shown. Configurations may vary.

### 64 Configurations

<b>ProStream, HyStream</b>	<b>Chemistry</b>
+	
<b>L, E</b>	<b>Screen</b>
+	
<b>10, 30, 50, 100 kD</b>	<b>MWCO</b>
+	
<b>0.1, 0.5, 1.5, 2.5 m<sup>2</sup></b>	<b>Surface area</b>

### Diverse options for your diverse process needs

A wide selection of molecular weight cutoffs, surface areas, multiple chemistries and multiple screen types provide you with a library of options to address your diverse process requirements. From sticky proteins to high concentration samples and from process development to manufacturing, the TangenX™ SIUS™ Gamma provides a closed solution. Scale, solve and move forward with one flat-sheet platform.



## Part Numbers

	Part number	Surface area (m <sup>2</sup> )	Membrane	Screen type		
MWCO 10 kDa	PP010C01L	0.1	ProStream	L		
	PP010F05L	0.5				
	PP010F15L	1.5				
	PP010F25L	2.5				
	XP010C01L	0.1	HyStream			
	XP010F05L	0.5				
	XP010F15L	1.5				
	XP010F25L	2.5				
	MWCO 30 kDa	PP030C01L	0.1		ProStream	L
		PP030F05L	0.5			
		PP030F15L	1.5			
		PP030F25L	2.5			
		XP030C01L	0.1		HyStream	
		XP030F05L	0.5			
XP030F15L		1.5				
XP030F25L		2.5				
MWCO 100 kDa		PP100C01L	0.1	ProStream	L	
		PP100F05L	0.5			
	PP100F15L	1.5				
	PP100F25L	2.5				
	XP100C01L	0.1	HyStream			
	XP100F05L	0.5				
	XP100F15L	1.5				
	XP100F25L	2.5				
	MWCO 50 kDa	PP050C01E	0.1	ProStream		E*
		PP050F05E	0.5			
PP050F15E		1.5				
PP050F25E		2.5				
XP050C01E		0.1	HyStream			
XP050F05E		0.5				
XP050F15E		1.5				
XP050F25E		2.5				
MWCO 300 kDa		PP300C01E	0.1	ProStream	E*	
		PP300F05E	0.5			
		PP300F15E	1.5			
		PP300F25E	2.5			
		XP300C01E	0.1	HyStream		
		XP300F05E	0.5			
	XP300F15E	1.5				
	XP300F25E	2.5				

	Part number	Surface area (m <sup>2</sup> )	Membrane	Screen type		
MWCO 10 kDa	PP050C01L	0.1	ProStream	L		
	PP050F05L	0.5				
	PP050F15L	1.5				
	PP050F25L	2.5				
	XP050C01L	0.1	HyStream			
	XP050F05L	0.5				
	XP050F15L	1.5				
	XP050F25L	2.5				
	MWCO 30 kDa	PP100C01E	0.1		ProStream	E*
		PP100F05E	0.5			
		PP100F15E	1.5			
		PP100F25E	2.5			
		XP100C01E	0.1		HyStream	
		XP100F05E	0.5			
XP100F15E		1.5				
XP100F25E		2.5				
MWCO 100 kDa		PP100C01L	0.1	ProStream	L	
		PP100F05L	0.5			
	PP100F15L	1.5				
	PP100F25L	2.5				
	XP100C01L	0.1	HyStream			
	XP100F05L	0.5				
	XP100F15L	1.5				
	XP100F25L	2.5				
	MWCO 50 kDa	PP050C01E	0.1	ProStream		E*
		PP050F05E	0.5			
PP050F15E		1.5				
PP050F25E		2.5				
XP050C01E		0.1	HyStream			
XP050F05E		0.5				
XP050F15E		1.5				
XP050F25E		2.5				
MWCO 300 kDa		PP300C01E	0.1	ProStream	E*	
		PP300F05E	0.5			
		PP300F15E	1.5			
		PP300F25E	2.5			
		XP300C01E	0.1	HyStream		
		XP300F05E	0.5			
	XP300F15E	1.5				
	XP300F25E	2.5				

\*E Screen recommended for high viscosity feed solutions.

