

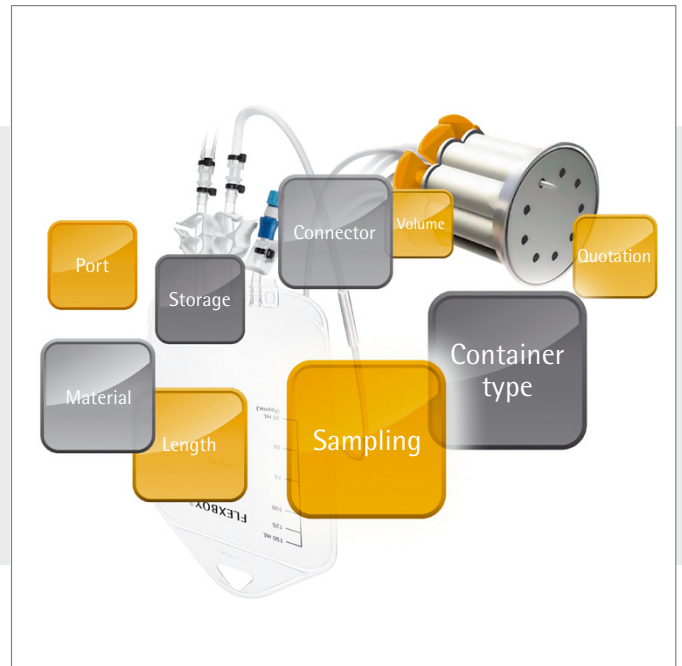


## TakeOne®

Design services for aseptic sampling solutions

### Product Information

Have a particular need and can't find a standard solution? Sartorius Stedim Biotech offers different design services to fine-tune your sampling plan to your exact requirements.



### Configure-To-Order

#### Standard features adjusted to your needs

TakeOne® is configured from a database of pre-qualified components with proven functionalities. This provides the flexibility needed for an application-based single use configuration whilst improving design and quotation turnaround times, manufacturing lead times and security of supply when compared with fully unique engineered custom designs.

### Engineer-To-Order

#### Customize TakeOne® design to match your unique requirements

This service allows the selection of a larger variety of solutions with added features, such as alternative tube materials or collection vessels, autoclavable options and more. If needed, entirely new components can be investigated with the potential to establish special supply terms with the supplier. In addition, you will be allocated a unique part number, so that the design can evolve together with your process without the hassle of changing references.

The robustness of such custom solutions relies on a complete chain of engineering, qualification, application development and validation services. Contact one of our specialists to initiate a project with a dedicated team of expert engineers to help you design your TakeOne® aseptic sampling.



## Designing TakeOne®

Configure your TakeOne® from our library of common components and solutions in today's market:

Tank fitting	25 mm port (Ingold®)	1.5" Sanitary TC	2" Sanitary TC
Quantity of sampling lines	1 – 3	1 – 5	1 – 9
Tubing material	Silicone (Pt)   C-Flex®		
Tubing length	6"   12" with QUICKSEAL® aseptic disconnect		
Samples	<b>Individual containers</b> Flexboy® Bags: 50   150   250   500   1000 mL Celsius®-Pak Bags: 30   100 mL PETG Bottles: 30   60   125   250   500   1000 mL Centrifuge Tubes: 15 mL (polystyrene)   50 mL (polypropylene) BENCHMARK® (access for needle-free syringes)		<b>Manifolds</b> 2 – 6 gang with 500 mL purge bag

## Our experts are available to help you

Whether it's questions you may have or the development of a completely new design, Sartorius is committed to helping you successfully achieve your sampling objectives. Contact your local sales specialist to start your personalized sampling plan solution.



Ingold® is a registered trademark of Mettler-Toledo.

C-Flex® is a registered trademark of Saint-Gobain Performance Plastics Corporation

## Technical Data

### Specifications

Equipment Interface   Mounting Mechanism	
25 mm port   Ingold® port	up to 3 sampling lines
1.5" Sanitary TC   Close coupled	up to 5 sampling lines
2" Sanitary TC   Close coupled	up to 9 sampling lines

Operating Parameters	
Max SIP	1 cycle @60 mins at 43 psi   3 bar   143.7 °C
SIP cycles after actuation	10 cycles @60 mins at 29 psi   2 bar   134 °C
Actuations per Line	40
Temperature Range	-55 °C to 300 °C
Operating Temperature Range	-20 °C to 50 °C (configuration dependent)
Device Burst Pressure	129 psi   8.9 bar before actuation 105 psi   7.3 bar after actuation
Recommended Max Operating Pressure	45 psi   3.1 bar at 25 °C (do not overfill or pressurize collection vessels)

Manufacturing	
Manufacturing Environment	ISO 7
Sterilization Method	Gamma Irradiation (25 kGy – 45 kGy)
Device Release Criteria	100% Leak-Tested (pressure decay)

Materials of contact (device only)	
Septum	Platinum-cured Silicone
Equipment Interface	316L Stainless Steel, electropolished (<15 µin Ra)
2 mm Cannula	316L Stainless Steel, electropolished (<15 µin Ra)
Tubing Material	Silicone(Pt) or C-Flex® (374)

Regulatory Compliance	
Silicone Elastomer for Closures and Tubing	USP 381   EP 3.1.9   21CFR177.2600
Biocompatibility	USP <88> Class VI
Bacterial Endotoxin	USP <85> (<0.125 EU/mL)
Particulate Matter	USP <788> (≤3 particles/mL >25 microns; ≤10 particles/mL >10 microns)

## Ordering Information

All items are individually packed and gamma sterilized for your convenience.

	Lead Time	Minimum Order Quantity
Configure-To-Order	10 weeks	5
Engineer-To-Order	12 weeks	10

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For further contacts, visit [www.sartorius-stedim.com](http://www.sartorius-stedim.com)

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