

TAKEONE™ aseptic sampling system

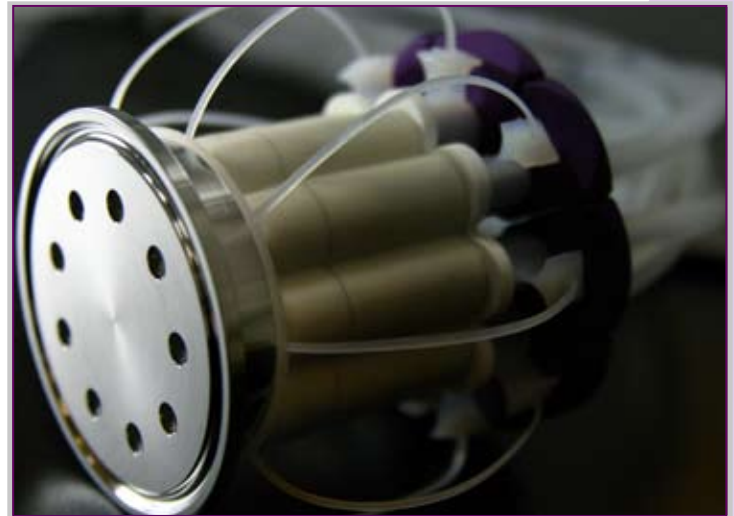
Introducing...

TAKEONE™ aseptic sampling system —
a new approach to aseptic sampling.

Guided by industry professionals, patent-pending TAKEONE™ enhances **operating efficiency**, improves **sampling reliability** and advances **operator safety**.

TAKEONE™ aseptic sampling system —

You've been heard.



TAKEONE is factory assembled, tested and pre-irradiated. **Box-to-tank installation** bypasses washing, assembly and sterilization steps, improving process efficiency.



A **2mm 316L stainless steel** needle pierces an independent platinum-cured silicone septum overmolded into the 316L stainless steel sanitary faceplate.



Spring-loaded cannula provides intuitive feedback confirming the sample is being taken and ensures the cannula safely retracts.



Patent-pending QUICKSEAL™ tube separation technology makes **quick, reliable and aseptic** tubing disconnection with the simple, user-friendly QUICKSEAL™ Cutter.

Aseptic Sampling System for

- General Sampling ■
- Cell Culture/Fermentation ■
- Buffer & Media Prep ■
- Final Fill & Finish ■
- Fluid Transfer/Inoculation ■

Key Attributes

- Proven aseptic mechanism
- Zero chance of cross contamination
- No cleaning, no assembly, no disassembly
- No spare parts or capital equipment required
- Unambiguous and truly representative samples
- Ergonomic design promotes operator safety
- Complimentary custom configurations
- Eliminate CIP/SIP between samples
- Unique patent-pending system
- Quick, Reliable and Safe

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You've been heard

TAKEONE™ aseptic sampling system

How it works

1. Connect TAKEONE to sanitary fitting
2. Execute CIP and SIP as normal
3. Remove safety tab on selected sampling line
4. Depress thumb-press to pierce self-sealing septa with 2 mm cannula
5. Liquid travels through hole at distal tip of cannula and into sampling line
6. Spring-loaded actuator safely returns cannula into TAKEONE body
7. Cut QUICKSEAL collar to aseptically disconnect sampling line
8. Reinstall safety tab
9. Terminal sterilization by SIP, if necessary
10. Disposal



Performance and Materials

	2", 9 sampling lines	1.5", 5 sampling lines	3/4" & Ingold, 1 sampling line
Mount/Cannula Material	Electropolished 316L Stainless Steel	Electropolished 316L Stainless Steel	Electropolished 316L Stainless Steel
Septa Material	Platinum-cured Silicone	Platinum-cured Silicone	Platinum-cured Silicone
Body Material	Glass Reinforced Polyester	Glass Reinforced Polyester	Glass Reinforced Polyester
Tubing Material	Platinum-cured silicone/C-Flex®	Platinum-cured silicone/C-Flex®	Platinum-cured silicone/C-Flex®
Bag Material	Polyethylene/Ethyl Vinyl Acetate	Polyethylene/Ethyl Vinyl Acetate	Polyethylene/Ethyl Vinyl Acetate
Fittings Material	Polypropylene/Polycarbonate/PVDF	Polypropylene/Polycarbonate/PVDF	Polypropylene/Polycarbonate/PVDF
Access Site Material	Polycarbonate, platinum-cured silicone	Polycarbonate, platinum-cured silicone	Polycarbonate, platinum-cured silicone
SIP & CIP Capable	Yes	Yes	Yes
CIP Capable	Yes	Yes	Yes
Operating Pressure	7.25 psi	7.25 psi	7.25 psi
Operating Temperature	-20° to 50° Celcius	-20° to 50° Celcius	-20° to 50° Celcius
Sampling Volume	50ml to 1000ml	50ml to 1000ml	50ml to 1000ml



TAKEONE is constructed in an ISO 8 Cleanroom in accordance with applicable cGMP guidelines.

TAKEONE is individually lot numbered and certified to the following:

- USP 87 & USP 88, Biological Reactivity Tests for Class VI Plastics
- USP 85
- 100% Integrity Test @ 7.25psi
- Gamma Irradiation Validation (AAMI VDMAX25)
- Animal Derivative Component Free

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