

**Single-use technology**

## Standard single-use bottle assembly systems

Fluid transfer systems can easily consist of multiple components that all need to be sourced, purchased, inventoried, and assembled. With the Thermo Scientific™ Standard Single-Use Bottle Assembly Systems, we can relieve you of the burden of managing individual components and validating the systems in-house. Realize labor savings and mitigate risk by leaving the assembly and processing to us. These easy-to-order configured solutions include rigid support containers with preconfigured cap sets, and are delivered gamma-irradiated for use right out of the package.

### Applications

- Media and buffer transfer
- Product sampling
- Harvest collection and bulk storage
- Filtration and purification process connection

### Key benefits

- Designed for a broad range of applications, including bioproduction, life science, and general lab use
- Helps eliminate setup and post-use cleaning steps required for reusable containers
- Helps reduce cross-contamination risks
- Allows process-specific flexibility with multiple bottle sizes

### Assembly details

- Bottles are available in polycarbonate (PC) and polyethylene terephthalate glycol (PETG) contact surfaces
- Each bottle is topped with a cap assembly including tubing, plug and filter
- Most assemblies contain two ports with C-Flex™ tubing; the 2 L size includes a third port, also with C-Flex tubing
- One line on each assembly is dedicated to venting
- The second and third lines are for liquid transfer, one plugged line has a dip tube, and includes plug fittings, to be used with your preferred welding or sealing equipment
- Fluid path of the finished product has been validated according to AAMI TIR33 with a 10<sup>-6</sup> sterility assurance level (SAL)

**Ordering information**

Size	Material	Closure	Tubing connection	Tubing length, in. (cm)	Fluid path ID x OD, in. (mm)	Cat. No. (Case qty.)
125 mL	PC	38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00001-I (25/case)
250 mL		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00002-I (10/case)
500 mL		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00003-I (12/case)
1 L		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00004-I (12/case)
2 L		53 B	Port 1: C-Flex tubing with plug Port 2: Vent filter Port 3: C-Flex tubing with plug	Port 1: 12 (30.48) Port 2: 3 (7.62) Port 3: 12 (30.48)	Port 1: 1/4 x 3/8 (6.4 x 9.6) Port 2: 1/4 x 3/8 (6.4 x 9.6) Port 3: 1/4 x 3/8 (6.4 x 9.6)	SB00005-I (8/case)
125 mL	PETG	38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00006-I (25/case)
250 mL		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00007-I (20/case)
500 mL		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00008-I (10/case)
1 L		38–430 mm	Port 1: C-Flex tubing with plug Port 2: Vent filter	Port 1: 24 (60.96) Port 2: 2 (5.08)	Port 1: 1/8 x 1/4 (3.2 x 6.4) Port 2: 1/8 x 1/4 (3.2 x 6.4)	SB00009-I (20/case)
2 L		53 B	Port 1: C-Flex tubing with plug Port 2: Vent filter Port 3: C-Flex tubing with plug	Port 1: 12 (30.48) Port 2: 3 (7.62) Port 3: 12 (30.48)	Port 1: 1/4 x 3/8 (6.4 x 9.6) Port 2: 1/4 x 3/8 (6.4 x 9.6) Port 3: 1/4 x 3/8 (6.4 x 9.6)	SB00010-I (8/case)

Learn more at [thermofisher.com/standardbottleassembly](https://thermofisher.com/standardbottleassembly)

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