

## Media Bottle Assembly Systems

### Closed-System Solutions for Aseptic Sample Handling, Fluid Transfer and Storage

Single-use technologies play a key role in reducing the risk of product cross contamination. Additionally, there are time and cost benefits associated with assembly, cleaning and validation. Bio-Simplex<sup>®</sup> Media Bottle Assembly Systems include a 2 port EZ Top<sup>®</sup> Container Closure, made from C-Flex<sup>®</sup> biopharmaceutical thermoplastic elastomer (TPE) resin and tubing, engineered to ensure an unobstructed fluid path with a secure elastomeric seal between bottle and cap surfaces.

The Media Bottle Assembly System includes:

- Two port EZ Top<sup>®</sup> container closure
- C-Flex<sup>®</sup> tubing 18" (46cm), 1/8" (3.2mm) I.D., and 1/4" (6.4mm) O.D. with a plug end and dip tube for easy aseptic transfer
- 0.2µm vent filter for sterile gas exchange
- One media bottle (60mL to 2L)

Applications:

- Media, sera, and buffers storage
- Media sterile addition (from Bio-Simplex Carboy to Media Bottle)
- Aseptic sampling

Designed for the bioprocess market, Media Bottle Assembly Systems are easily used with sterile connecting devices and thermal tubing sealers. Validation has been performed to demonstrate that the assemblies achieve a Sterility Assurance Level (SAL) of 10<sup>-6</sup> per ANSI/AAMI/ISO 11137.

Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.



*Bio-Simplex Media Bottle Assembly Systems, in sizes from 60mL to 2 Liters, feature the EZ Top Closure, filter, C-Flex tubing, bottle and cap.*



*Closeup of a 125mL sterile bottle showing the EZ Top Closure.*

#### BIO-SIMPLEX MEDIA BOTTLE ASSEMBLY SYSTEMS

VOLUME	PART NUMBER	QTY / PACK
60mL	SA24MM-60-2F	10
125mL	SA38MM-125-2F-DB	10
250mL	SA38MM-250-2F-DB	10
500mL	SA38MM-500-2F-DB	10
1000 mL (1L)	SA38MM-1L-2F-DB	5
2000 mL (2L)	SA53B-2F-DB	5

## Media Bottle Assembly Systems

- Media Bottle Assembly Systems include 18" of C-Flex<sup>®</sup> biopharmaceutical thermoplastic elastomer (TPE) tubing with a plugged end.
- C-Flex 1/8"ID x 1/4"OD TPE tubing material is compatible with sterile connecting devices and tube welders.
- HDPE cap
- PETG bottles – 60 mL-2 L
- 0.2 µm 25 mm vent filter allows sterile gas exchange.
- Thermal bond between stopper and tubing eliminates product loss and contamination.
- EZ Top<sup>®</sup> closure of high purity C-Flex TPE provides integral seal to glass, plastic and metal.
- Minimum Sterility Assurance Level (SAL) of 10<sup>-6</sup> and double bagged.
- Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.

Bio-Simplex<sup>®</sup>, C-Flex<sup>®</sup> and EZ Top<sup>®</sup> are registered trademarks.

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