



Bio-Simplex® Sampling Manifold Systems for Biopharmaceutical Applications

Single-use technologies are playing a key role in the reduction in risk of cross contamination. In addition to time single-use technology also offers cost benefits associated with assembly, cleaning and cleaning validation¹. Economically designed for the single-use market, Bio-Simplex® Sampling Manifold Systems are available with either four, six, eight or ten 60 mL sampling bottles and an additional 500 mL purge bottle at the end of the manifold. Each 60 mL PETG bottle is connected to the Bio-Simplex manifold with 10 inches of tubing with a clamp, an EZ Top® container closure, a 0.2 µm vent filter and polyethylene cap. All EZ Tops, tubing and manifolds are made from animal derived component free (ADCF) USP Class VI compliant C-Flex® thermoplastic elastomer (TPE) resin. Engineered to ensure an unobstructed fluid path, a secure elastomeric seal against each bottle with extremely low levels of extractables. Bio-Simplex Sampling Manifolds are easily used with sterile connecting devices and thermal tubing sealers. They are sold double-bagged and gamma irradiated. A carrying tray (as shown in the first photo), designed for up to ten 60 mL sample bottles and one 500 mL purge bottle is included.

Features and Benefits

- Closed System Design reduces contamination risks
- Leak resistant design
- Low gas permeability containers
- Sealable / Weldable Tubing
- Tray configuration provides improved organization during sample collection

Ideal Applications

Aseptic sampling in a typical cell culture application, using the system provides a simple and easy mechanism for taking periodic samples.

This sales literature provides details on our standard Sampling Manifold line. If you have a specific application that requires some modification or customization please contact our Customer Service Department.

BIO-SIMPLEX® SAMPLING MANIFOLD SYSTEMS

Four Bottle System	SM-4R
Six Bottle System	SM-6R
Eight Bottle System	SM-8R
Ten Bottle System	SM-10R

- Pharmaceutical grade C-Flex® thermoplastic elastomer (TPE) tubing material is compatible with sterile connecting devices and tube welders.
- EZ Top® Container Closure provides a secure elastomeric seal against bottles.
- Bio-Simplex FlexJoint® increases stability of manifold purge line.
- 0.2 µm gamma-stable vent filters allow sterile gas exchange.
- Thermal bond between stopper and tubing prevents compromise of product.
- 500 mL PETG purge bottle
- EZ Tops, tubing and manifolds are made from pharmaceutical grade C-Flex® TPE resin. All are engineered to ensure an unobstructed fluid path and extremely low levels of extractables.
- Heat sealed end on fill line.
- Pure-Fit® TC tubing clamps offer complete tubing stoppage and a unique locking mechanism for single hand operation.
- 60mL PETG sampling bottle
- Clear HDPE plastic tray is designed to hold up to ten 60mL sampling bottles and one 500 mL purge bottle.
- Bio-Simplex® Sampling Manifolds are available in four, six, eight or ten bottle configurations.
- Sampling Manifold Systems arrive double bagged and gamma irradiated.

Bio-Simplex®, C-Flex®, EZ Top®, FlexJoint™ and Pure-Fit® are registered trademarks of Saint-Gobain Life Sciences

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WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Life Sciences warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

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