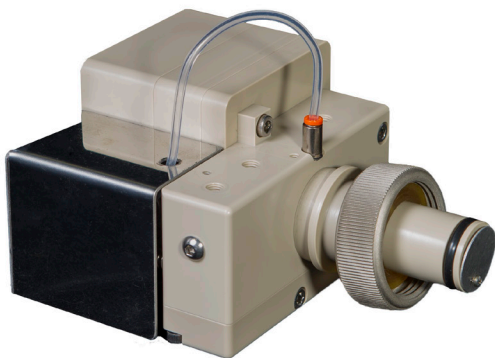


Sample Pilot SP100

The Sample Pilot SP100 is the module that connects to and draws aseptic samples from a bioreactor. The SP100 is designed for large stainless steel bioreactor applications, and connects to the reactor at a common 25mm Ingold port. The SP100 draws 55 mL into an aseptic chamber, and a diaphragm pump pushes the sample out to its destination at up to 70 psi. This cycle can be repeated as necessary. This chamber is flushed with sanitant and blown out with sterile purge gas after every sample is taken and dispersed. The Biovalve, isolating the Sample Pilot from the bioreactor, is fail to close and cannot open until a specific sequence of valve operations takes place or when any other valve in the Sample Pilot is open. This guarantees that no backflow can occur.



FEATURES

- **Draws sample in 55mL increments from a 25mm Ingold port**
- **Proven track record in maintaining bioreactor integrity**
- **Durable and rebuildable**
- **User friendly**
- **Can push sample at up to 70 PSI towards the destination**
- **Biovalve interlocks ensure that the bioreactor cannot be contaminated**

SPECIFICATIONS

Measurements:

- **Width: 4.25 in.**
- **Height: 3 in.**
- **Depth: 3.5 in.**
- **Weight: 1.9 lbs.**

Utilities and/or Components Required:

- **Connection to MAST System**
- **Sample Pilot Sanitant Filter Assembly**
- **Sample Pilot Purge Gas Filter Assembly**