

Thermo Scientific Three60 Single-Use Sampling System

Sampling made to be simple

The simple design behind the Three60 Sampling System allows you to take a representative sample of your product with minimal effort. For a completely sterile transfer, use a CIP or SIP process to prepare your tank. The pre-irradiated BioProcess Containers (BPCs) and assemblies will ensure a sterile fluid path while the quick-turn valve and pinch-and-cut disconnections maintain sterile transfer and removal.

Efficient

With the Thermo Scientific™ Three60™ Single-Use Sampling System, there are no parts to be assembled, disassembled, or cleaned, and unlike other single-use sampling systems, no additional tools are needed. The entire set can be easily applied to your fluid holding vessel or transfer line and four samples can be removed in only a few minutes.

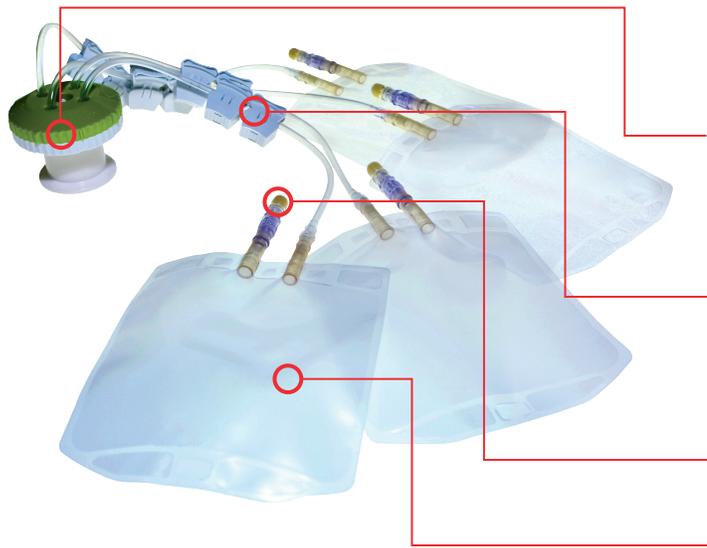
The Three60 system is compatible to your vessel with a 3.8 cm (1.5 in.) sanitary connector; no expensive hardware is needed. Each Three60 package contains a valve and four assemblies with Pinch-and-cut disconnections.



Single-use solution

Single-use systems enables improved sterility and reduced cleaning requirements over traditional sampling systems across all applications in the biopharmaceutical Industry.

The Three60 system brings the same advantages to sampling resulting in a quicker solution and a safer process.



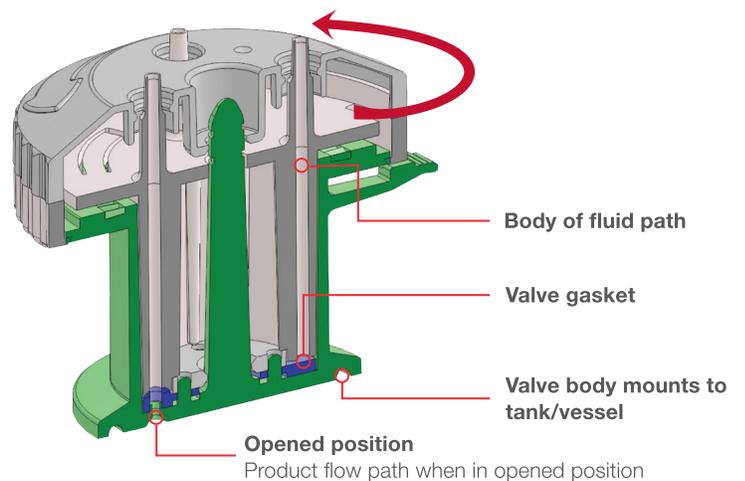
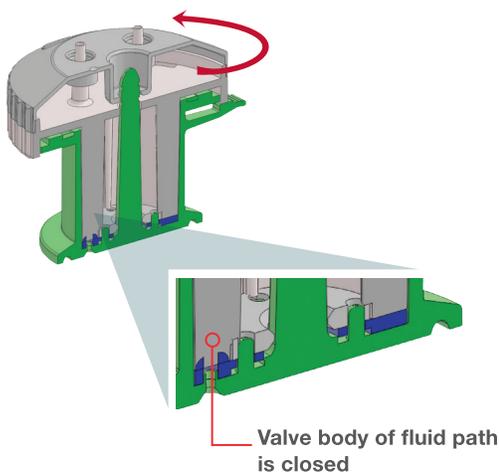
Kit to tank

The Three60 kit is pre-irradiated and assembled into a one-piece. Simply remove the pre-sterilized device from the kit and apply to the vessel.

- **Quick-turn Three60 valve:** The face of the Three60 valve can be sterilized with the tank through traditional CIP/SIP processes. The valve has four sterile assemblies. This keeps the product and technician contaminant free.
- **Pinch-and-cut sterile disconnections:** The pinch-and-cut disconnections allow the technician to quickly separate the sample and eliminate the need for tools or tube sealing.
- **Injection ports:** Luer lock injection site. Extract through either the septum or twist-off luer to pour.
- **Pre-irradiated BPC assemblies:** The Three60 is provided with pre-irradiated BPC assemblies in sizes ranging from 50 mL to 2 L.

Valve mechanics

The Three60 valve only turns in one direction and will only turn once to an open position then again to a closed position for each line. There is no risk of cross-contamination between lines because of the single-turn direction of the valve barrel and the individual fluid paths for each sample assembly. Additionally, the valve closes ensuring that no fluid “hold-up” can be flushed into the next sample during the CIP/SIP process.



Ordering Information

Product	Cat. No.
Three60 sampling BPCs	
50 mL, 2 port sampling BPC	B100563-I
100 mL, 2 port sampling BPC	B100564-I
250 mL, 2 port sampling BPC	B100565-I
500 mL, 2 port sampling BPC	B100566-I
1 L, 2 port sampling BPC	B100567-I
Three60 sampling systems	
50 mL Three60 sampling system with four, 2 port sampling BPCs	4MP0034
100 mL Three60 sampling system with four, 2 port sampling BPCs	4MP0035
250 mL Three60 sampling system with four, 2 port sampling BPCs	4MP0036
500 mL Three60 sampling system with four, 2 port sampling BPCs	4MP0037
1 L Three60 sampling system with four, 2 port sampling BPCs	4MP0038
2 L Three60 sampling system with four, 2 port sampling BPCs	4MP0039

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