



three 60

Single-Use Aseptic Sampling System



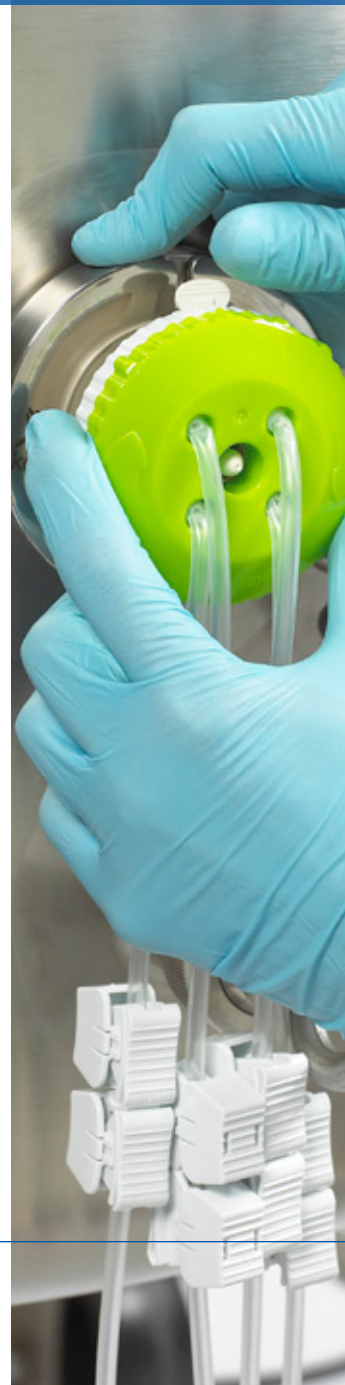
three60 Single-Use Aseptic Sampling System

TAKING A SAMPLE 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 bags and assemblies will ensure a sterile fluid path while the quick-turn valve and Pinch and Cut Disconnections maintain sterile transfer and removal.

Apply



Turn and Open



Fill

Turn and Close

Pinch and Cut

EFFICIENT

With the three60 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.

three60 is compatible to your vessel with either a NA port or a 1½" sanitary connector; no expensive hardware is needed. Each three60 package contains a valve and four assemblies with Pinch and Cut Disconnections.



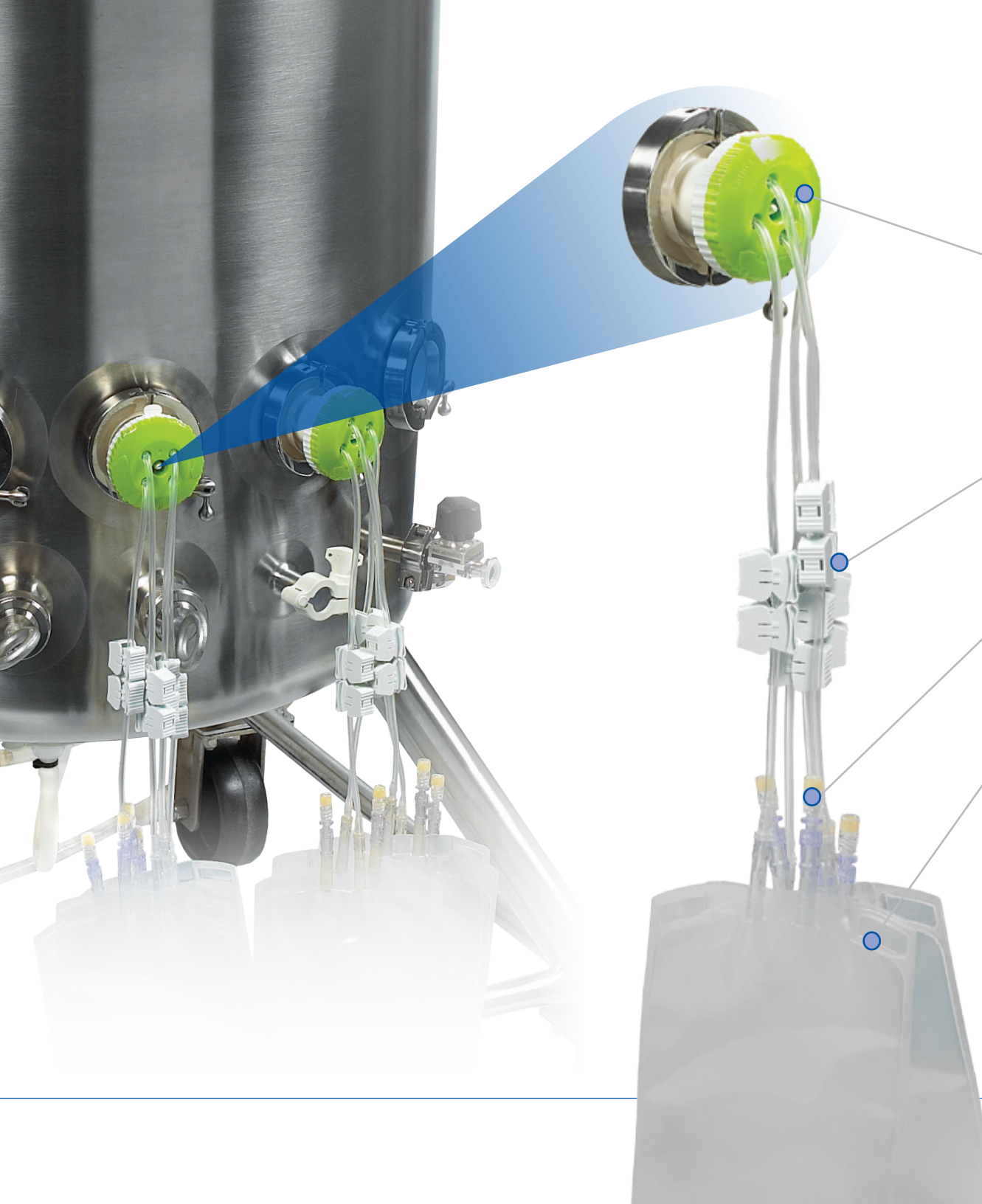


SINGLE-USE SOLUTION

Single-use systems are providing improved sterility and reduced cleaning requirements over traditional sampling systems across all applications in the Bio-Pharmaceutical Industry.

The three60 Single-Use System brings the same advantages to sampling resulting in a quicker solution and a safer process.





KIT TO TANK

The three60 is pre-irradiated and assembled into a one-piece kit. 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 contaminate free.

Pinch and Cut Sterile Disconnections

The Pinch and Cut Disconnections allow you to quickly separate the sample and eliminates 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 Bag Sets

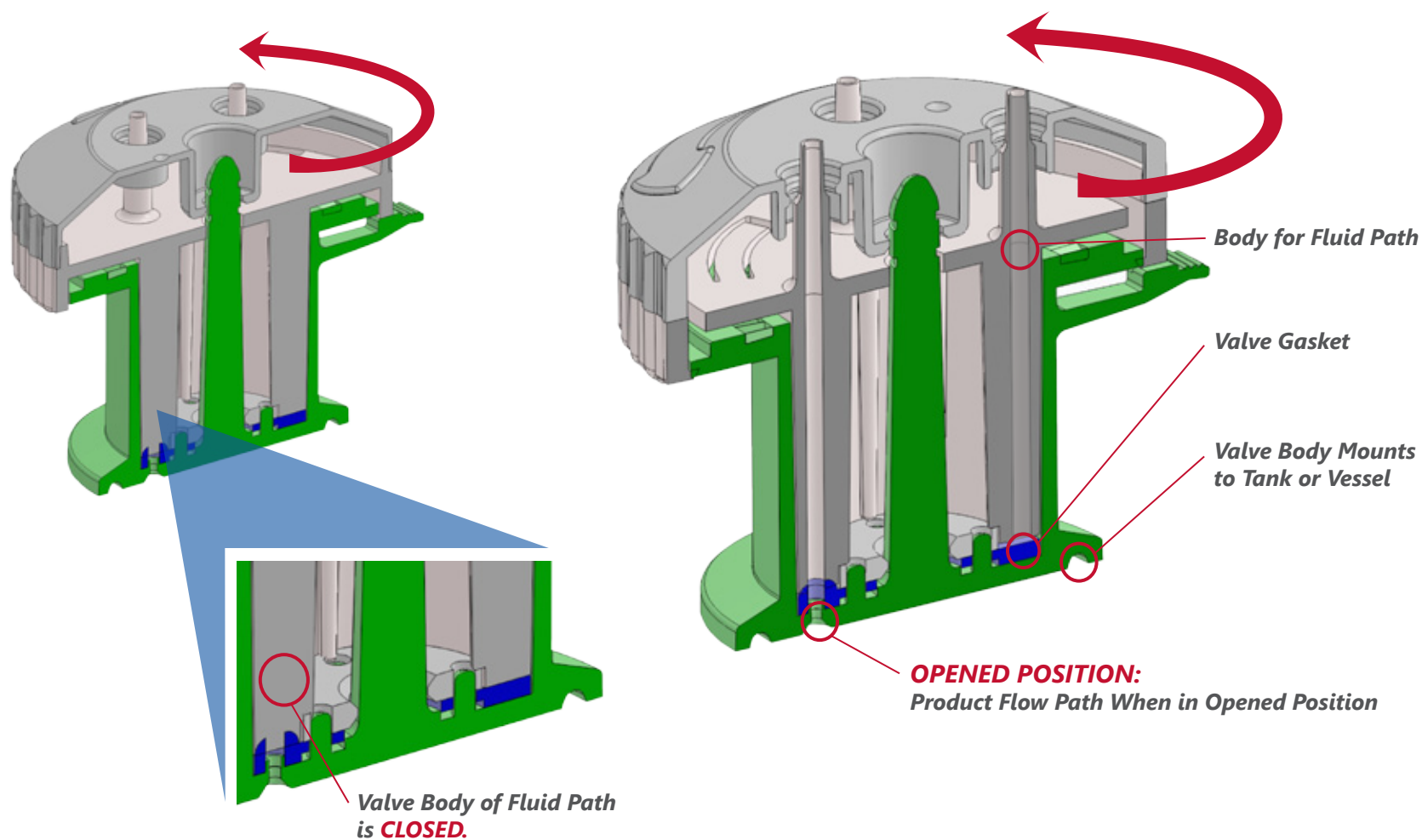
ASI provides pre-irradiated bag sets in sizes ranging from 50 ml to 2 Liters.

three60 Animation Video



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.





PINCH AND CUT DISCONNECTION

The Pinch and Cut Disconnection is the answer to the industry's need for a simple method of sealing and disconnecting a tube. With only the operator's hands, the device will pinch the tube closed, seal the tube ends and "cut" them apart; thus enabling a quick disconnection of the sample bag.

PINCH AND CUT DIRECTIONS



- 1** First, after the fluid transfer is complete, using both hands, grip the cutting clamp closest to the sample bag and press down until the audible click is heard and the top rests on the lip.
NOTE: It is CRUCIAL that the clamp closest to the sample bag is engaged first.



- 2** Repeat the same action as step one with the clamp closest to the valve.



- 3** When you are sure the lock has engaged, grip the clamps with both hands and the "V" facing you.



- 4** Press thumbs towards each other. This action will break the clamps to allow separation. Continue the motion until the tube separates. The clamp is permanently closed and integrally sealed.



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ASI is an FDA Registered, ISO 13485:2003 Certified Manufacturer

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