

## STERILE SAMPLING BOTTLE

Allows capturing and handling of liquid sterile product samples

### SAMPLING PROCEDURE

#### PHASE 1: Autoclave the sample bottle assembly

- 1 Prepare the Sample Bottle Assembly for the autoclave by connecting the filter element(\*) to the filter port.  
(\*) monouse autoclavable up to 121°C per 15 minutes at 15 psi ACRODISC-PALL suggested
- 2 Remove the handle from the Sample Bottle Assembly prior to autoclaving. To detach the handle, simply push the release button on the handle with the thumb of your hand holding the assembly. While depressing the release button slide the handle downward and away from the Sample Bottle.
- 3 Disassemble the bottle from the cap assembly.
- 4 Autoclaving. Place the bottle and the cap assembly in the autoclave.
- 5 After the autoclaving cycle is completed, reattach the bottle to the cap assembly and the handle to the Sample Bottle, remove the assembly from the autoclave.

**Note:** The Sample Bottle Assembly is designed to function with sample valves that features SIP capabilities (VPA or VPAK).

Using the Sample Bottle Assembly in conjunction with a sample valve that does not feature SIP capabilities will not allow the sample path to be steam sterilized prior to sampling.

For a list of suitable SIP sample valves, see Aseptic Sampling Valves brochures or please contact us.

#### PHASE 2: Sterilize the part in contact with the product

Connect the Sample Bottle connection labeled "IN" to tank sample valve using a ½" clamped flexible hose

Attach a steam trap to the Sample Bottle connection labeled "OUT" using a ½" clamped flexible hose

Note: attaching the Sample Bottle Assembly to the SIP Tank Sample Valve may be accomplished using Either flexible tubing or stainless tubing designed for this application.

Open the knob labeled "STEAM" and the steam intercepting valve to steam all product sample contact surfaces.

At the completion of the steaming cycle, first, close the steam intercepting valve, secondly, close the knob labeled "STEAM".

Warning: when handling live steam and process fluids that are hazardous or corrosive, extra precautions must be taken.

Failure to follow these instructions could result in serious injury or damage to personal property

#### PHASE 3: Sample

A sterile sample can now be taken opening the knob labeled "PRODUCT".

Take the desired quantity of sample.

When enough sample is collected, close the knob labeled "PRODUCT".

Open the steam intercepting valve and the knob labeled "STEAM" and the entire Sterile Tank Sampling System, except the Sampling Bottle can now be cleaned of sample residue.

Close the steam intercepting valve and the knob labeled "STEAM".

Disconnect the Sample Bottle by the Clamp connection to the tank sample valve and remove the steam trap by the Clamp connection on the other side.

Each subsequent sampling procedure begins with PHASE 1: Autoclaving the Sample Bottle.

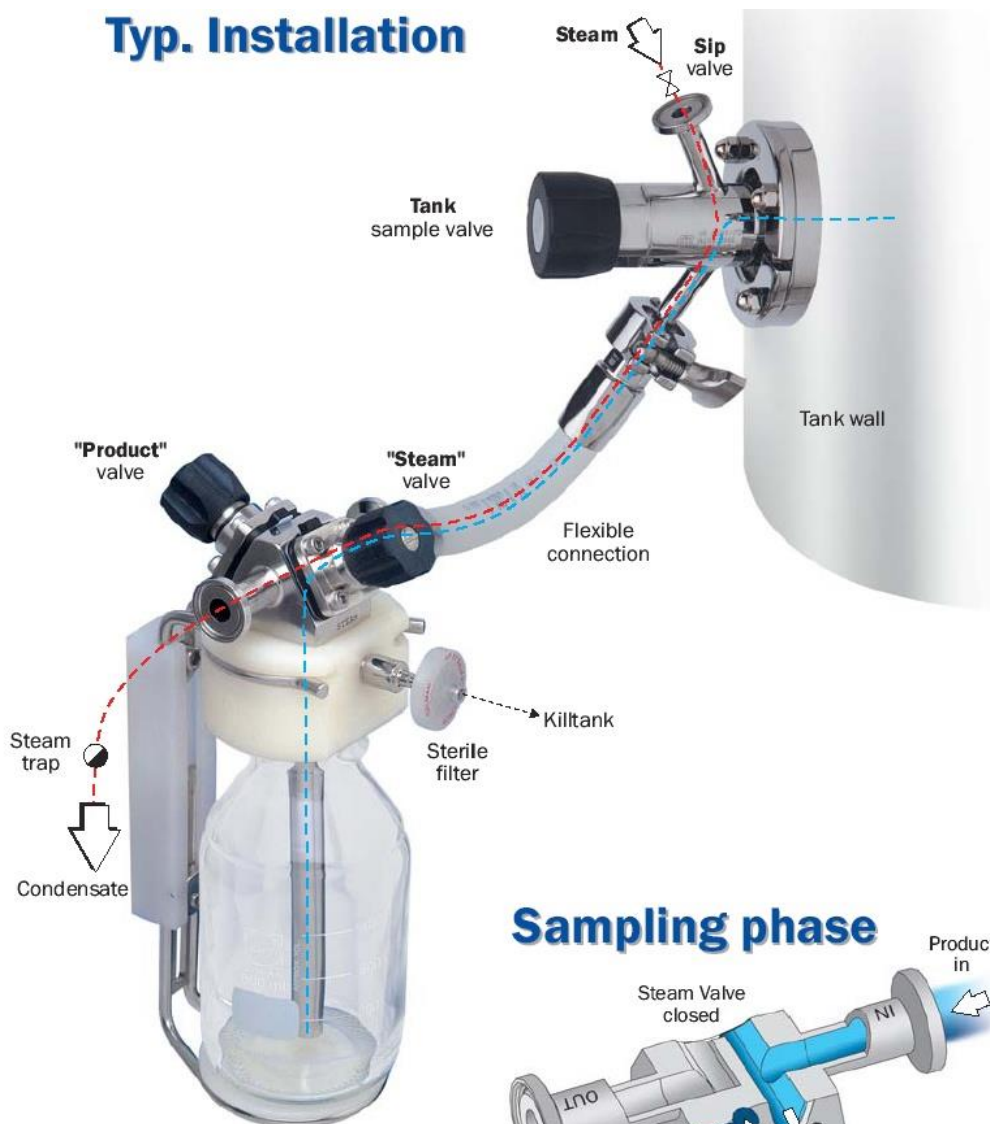


Sanitary  
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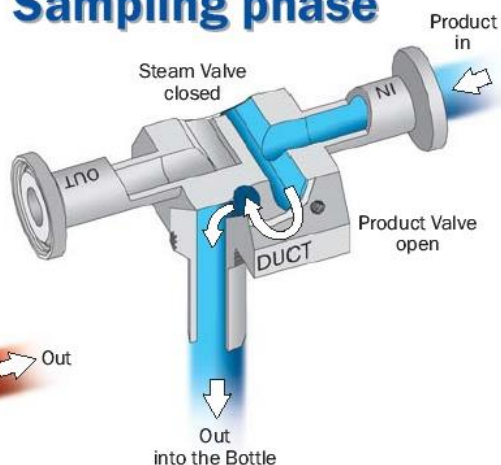
Quality System  
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## Typ. Installation



## Sampling phase



## SIP phase

