

OPEN
SESAME



KEFITT[®]

WORLD LEADERS IN STERILE SAMPLING[™]

WHY KEOFITT'S NEW VALVE IS CALLED "SESAME"



YOU PROBABLY KNOW THE FAMOUS STORY ABOUT ALI BABA AND THE FORTY ROBBERS:

Ali Baba, a poor woodcutter was in the forest when he saw forty thieves stop in front of a rock. The leader said "Open Sesame!" and before Ali Baba's amazed eyes the opening to a hidden cave magically opened and the men disappeared inside. To come out and close the entrance, the leader said "Close Sesame" and the cave sealed itself once more leaving no trace of where the entrance had just been. Trembling with excitement Ali Baba waited till the thieves had left and then entered the cave after saying the magic words. To his delight he found lots of treasure...

THE NEXT GENERATION SAMPLING VALVE

The patented valve has the same magic opening as Ali Baba's cave. Imagine if Ali Baba was placed inside the valve chamber of a traditional, steamsterilizable valve, he would see a permanently open steam inlet – even during sampling. If, instead, we put him inside the new SESAME™ valve, the steam inlet would be invisible during sampling. Why is this important?

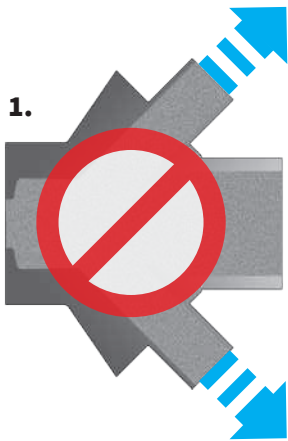
Well, learn more about the unique SESAME™ on the following pages.



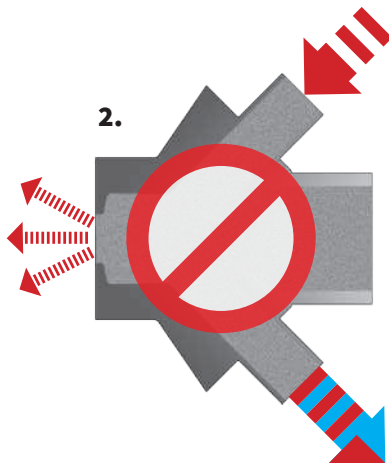
- SESAME™ Patented: WO 2005 040671 A1
- Open Sesame.... The SESAME™ sampling valve is pure magic.
- The best and safest inline sterilizable sampling valve ever is here!
- Easier to use than any other sampling valve, it minimizes risk of operator failure, airborne contamination and dead space during sampling.
- Compatible with all KEOFITT Sampling Bags.

SESAME™ VS. TRADITIONAL SAMPLING VALVES

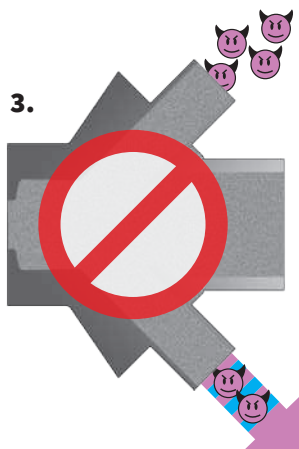
SESAME™ helps you avoid risky scenarios:



1. Sample will never spray out through the steam inlet during sampling. With normal valves, this happens when the operator forgets to mount the cap or the cap disconnects.



2. It is not possible to unintentionally send steam or CiP fluids into the process line, as the sample seat and the steam seat cannot open simultaneously. This is a risk with all other valves as the steam inlet is open even during sampling.



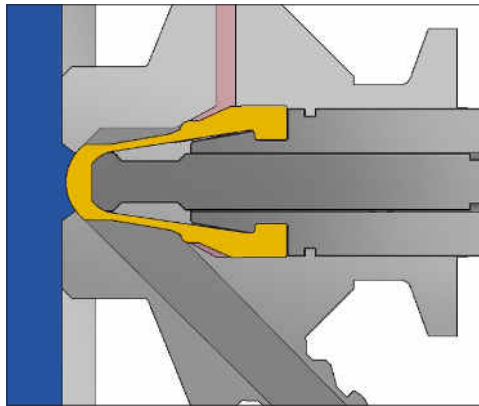
3. Aseptic sampling in a closed system cannot be compromised in case the operator leaves the steam inlet open during sampling. Other valves will open for sampling even if steam inlet is open allowing airborne contamination of the sample.

OTHER ADVANTAGES:

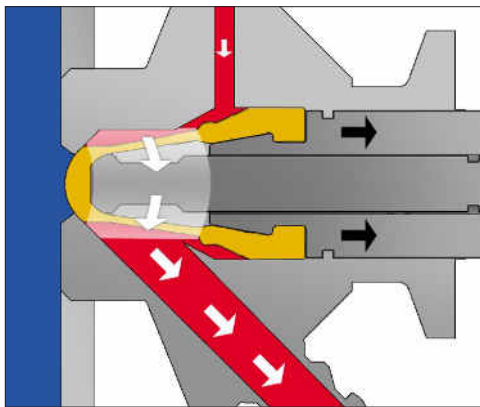
- SESAME™ is self-draining in many positions where normal valves are not. It can even be installed upside down!
- Clamp connection between body and head: No problem with threads and neutral valve position where preferred.

HOW SESAME™ WORKS

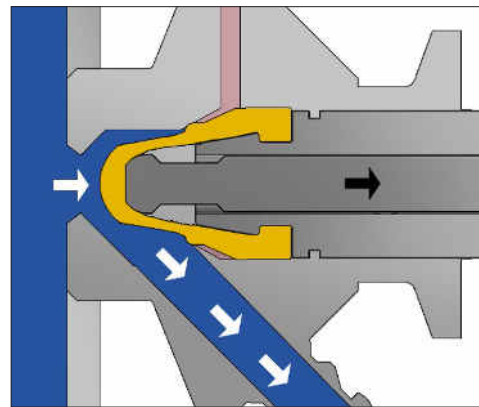
NORMAL POSITION



STERILIZATION



SAMPLING



THE ONLY SAMPLING VALVE THAT GIVES YOU:

- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head and the valve chamber: No risk of cross-contamination from the valve actuator area.
- Increased efficiency during sterilization due to steam flow angle: Optimal sterilization of valve seat in minimum time.
- Unique, incorporated CIP/SIP control valve: Eliminates need for additional control valve in most cases.
- Fully drainable even when positioned upside-down in the bottom of a tank: More than just the best-ever sampling valve design, this makes it the best designed bottom/harvest valve in the marketplace.
- Wide range of valve head/body combinations available
- Learn more about the unique SESAME™ valve by checking our webpage