



KEOFITT SESAME



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Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT SESAME™ is the only steam-sterilizable sampling valve in the world to completely eliminate the usually unavoidable dead-space involved with the steam-inlet connection.

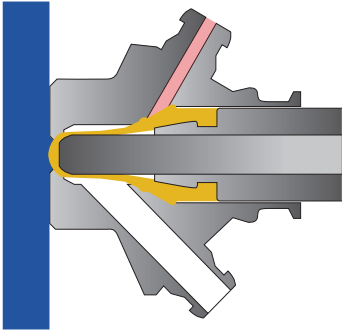
This gives you:

- 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.

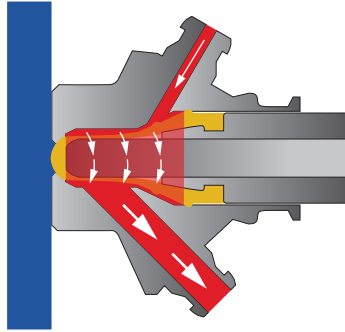


HOW IT WORKS

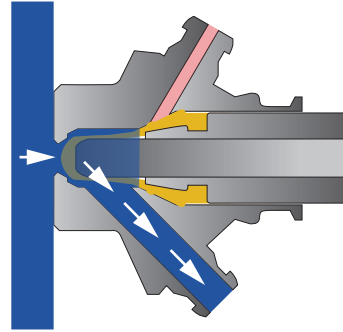
NORMAL POSITION



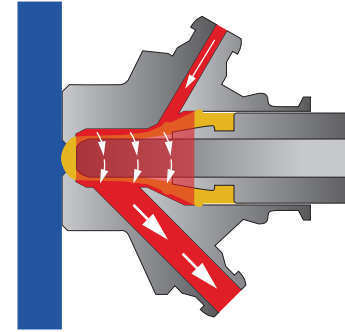
STEAM



SAMPLE

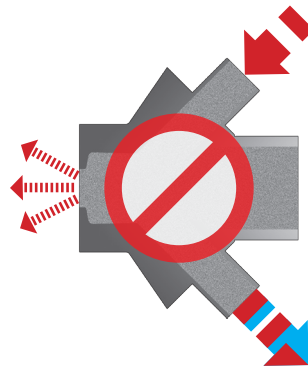
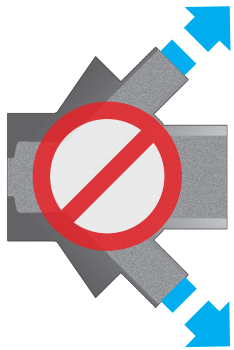


STEAM

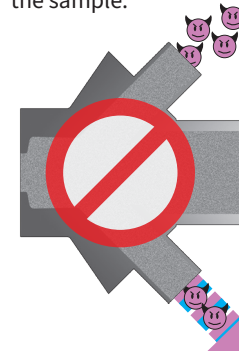


ADVANTAGES

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.



3. This is a risk with all other valves as the steam inlet is open even during sampling. 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.



KEOFITT SESAME™ SAMPLING VALVE

The KEOFITT SESAME™ Sampling Valve is KEOFITT's newest and patented dual-seat sampling valve. Truly unique in the market, it offers optimal CIP and SIP conditions while also incorporating steam supply control and completely eliminating the steam inlet dead-space in other designs.




















The unique feature of this valve is in its membrane design which incorporates two separate seats for sampling and sterilizing/sanitizing, respectively. The second seat is located in the area sealing off the valve head. This design allows the sealing area to be sterilized along with the valve chamber prior to each sampling procedure. Furthermore, no separate inlet is required, thus eliminating any dead space while sampling.

The KEOFITT SESAME™ valve is designed for sampling of low or medium viscosity products in the range of 0-1,000 cP with particles less than 3 mm in diameter. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure). The double-seat SESAME™ valve is used in a range of applications such as brewery, dairy, pharmaceutical and biotechnological companies, with a wide range of products such as:

- Medical Solutions
- Filtered and Unfiltered Beer
- Creams and Lotions
- Unprocessed Milk
- Perfume












KEOFITT SESAME VALVE - BODIES



	WELDING BODIES			CONNECTION BODIES							INGOLD	
	TANK WELDING	PIPE WELDING	PIPE WELDING NW25	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1" & 1 1/2"	CLAMP 2"	THREAD	UNION DIN 11851	INGOLD 40MM PORT LENGTH	INGOLD 52MM PORT LENGTH
HOSE PIECE	 890001	 890011	 890014	 890008	 890009	 890036	 NA-CONNECT ASME/DIN 890021	 890003	<i>on request</i>	 890040	<i>on request</i>	<i>on request</i>
1/2" TRI-CLAMP	 890006	 890010	<i>on request</i>	<i>on request</i>	 890013	 890039	 NA-CONNECT ASME/DIN 890022	 890005	<i>on request</i>	<i>on request</i>	 893105	 893205
THREAD M16X1,5	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>
1/2" WELDING ENDS	 890007	 890019	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>	<i>on request</i>

SESAME BODIES


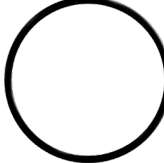
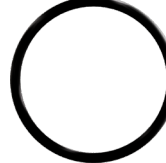

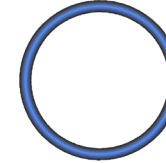


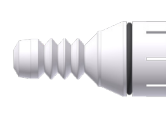









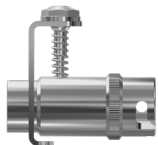

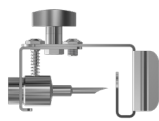



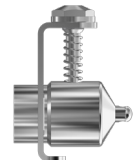

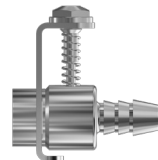

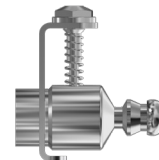

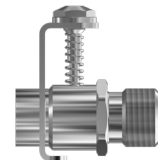

KEOFITT SESAME VALVE - HEADS

	TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
SILICONE	 890041	 890043	 890044
EPDM	 890041E	 890043E	 890044E
PTFE	 895541	 895543	 895544























KEOFITT SESAME INGOLD VALVE - HEADS

	TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
INGOLD I40 PTFE	 893141PTFE	 893143PTFE	 893144PTFE
INGOLD I52 PTFE	 893241PTFE	 893243PTFE	 893244PTFE

KEOFITT SESAME - PARTS & ACCESSORIES

SESAME PARTS & ACCESSORIES	O-RINGS							
		300119 20.24X2.62 FDA	400208 EPDM 60X3	400308 EPDM 42X3	550184 FESTO	880830 EPDM 20.35X1.78		
	MEMBRANES							
		890051 SILICONE	890052 EPDM	890055 PTFE	895531 PTFE (140)	895532 PTFE (152)		
FOR VALVE HEADS								
	600170 LEVER HANDLE N	600370 LEVER HANDLE Q SELF-CLOSING	880255 TOOL FOR PTFE	890170 LEVER HANDLE Q	890370 LEVER HANDLE Q SELF-CLOSING			
FOR HOSE PIECE								
	550002 PTFE QC 0.5M	550003 PTFE QC 1.0M	550057 KÄRCHER ADAPTER	600062 RUBBER CAP	800017 QC SPIKE BAG HOLDER	800053 QC/QC W9	800058 QC COIL	800059 QC XL COIL
								
	800061 QC PLUG	800070 QC STEEL PIPE	800082 QC HOSE BARB 3/8	800083 QC TC	800086 QC W9 WITH M4 HP	800091 QC PTFE	800171 QC ADAPTER HP/ THREAD	900045 QC SYRINGE INJECTION

KEOFITT SESAME - PARTS & ACCESSORIES

SESAME PARTS & ACCESSORIES	FOR MINI TRI-CLAMP	 <p>300021 CLAMP PTFE 10/8</p>	 <p>550002.2 PTFE QC/TC 0.5M</p>	 <p>550003.2 PTFE QC/TC 1M</p>	 <p>550004 PTFE TC 0.5M</p>	 <p>550005 PTFE TC 1.0M</p>	 <p>800014 ADAPTER TC/1"</p>	 <p>900096 ADAPTER HP/TC</p>	 <p>900097 ADAPTER M4 HP/TC</p>		
	MISC.	 <p>700108 HP W9 F/WELDING</p>	 <p>800052 HP/HP W9</p>	 <p>900031 HP W9/ MALE THREAD M12X1</p>	 <p>890063 SINGLE ST. ST.</p>	 <p>890064 DOUBLE ST. ST. CHAIN</p>	 <p>900047 TUBE PTFE 10/8</p>				
		 <p>900074 GASKET EPDM 3/4"</p>	 <p>900087 GASKET EPDM 1/2"</p>	 <p>900091 GASKET EPDM 1"</p>	 <p>900092 GASKET EPDM 2"</p>	 <p>900075 CLAMP RING 1/2"</p>	 <p>900086 CLAMP RING 1"</p>	 <p>900189 CLAMP RING FOR SESAME VALVE</p>	 <p>900021 MINI BLIND CAP</p>		

KEOFITT CLASSIC

Coaxial steam sterilizable design with separate inlet for SIP and CIP: The reference for hygienic and microbiological sampling for four decades, this is the original, in-situ sterilizable sampling valve that continues to revolutionize the field of sterile sampling.

Refined over the years - inside electro-polish being the latest addition - it remains the most popular and best selling valve in the market by far. It is based on KEOFITT's unique, patented membrane and is used in more than 300,000 sampling points worldwide.

Available in several models/sizes:

- W9 (ID 9 MM)
- INGOLD (ID 9 MM)
- 4KAI (ID 5 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



HOW IT WORKS

