

**KEOFITT<sup>®</sup>**

PRODUCT CATALOG 2021

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[www.samplingschool.com](http://www.samplingschool.com)

## DEAR CUSTOMER,

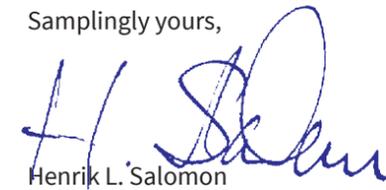
We hope you will find this 2021 KEOFITT Product Catalog helpful identifying the right KEOFITT product for your sampling application.

At KEOFITT we pride ourselves with the fact that “All we do is sampling!”. This is still true now more than 40 years after the company was founded.

Being the world market’s only true specialist KEOFITT has developed the widest and deepest product range available for hygienic, sterile and aseptic sampling of liquids in all industries.

Further information can be found at [www.KEOFITT.dk](http://www.KEOFITT.dk) or by contacting your local KEOFITT distributor.

Samplingly yours,



Henrik L. Salomon

# KEOFITT SESAME

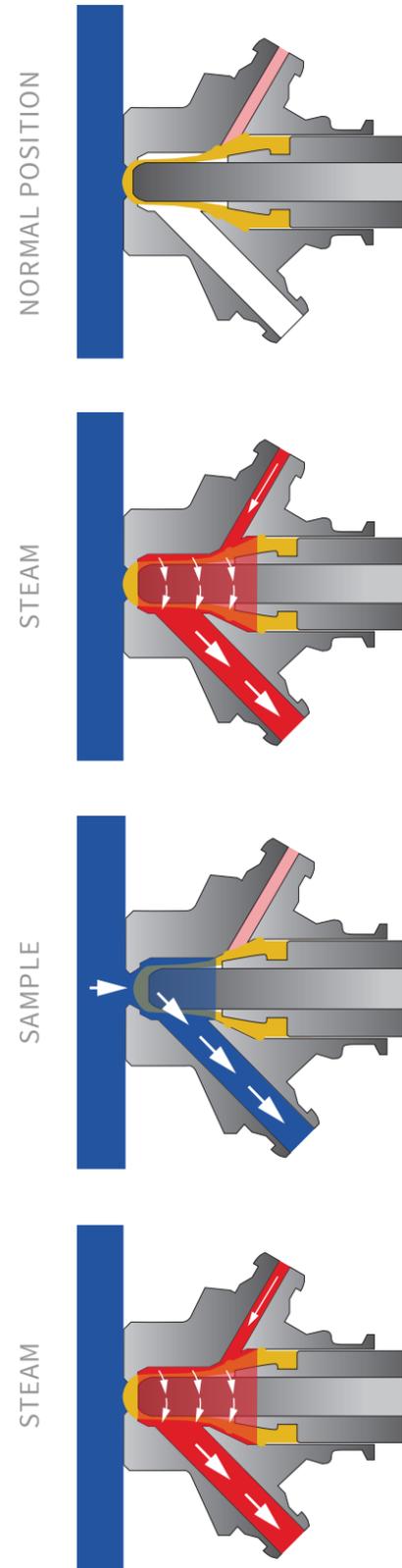
Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT SESAME is the only steam-sterilizable sampling valve in the world to completely eliminate the usually unavoidable dead-space involved with the steam-inlet connection.

This gives you:

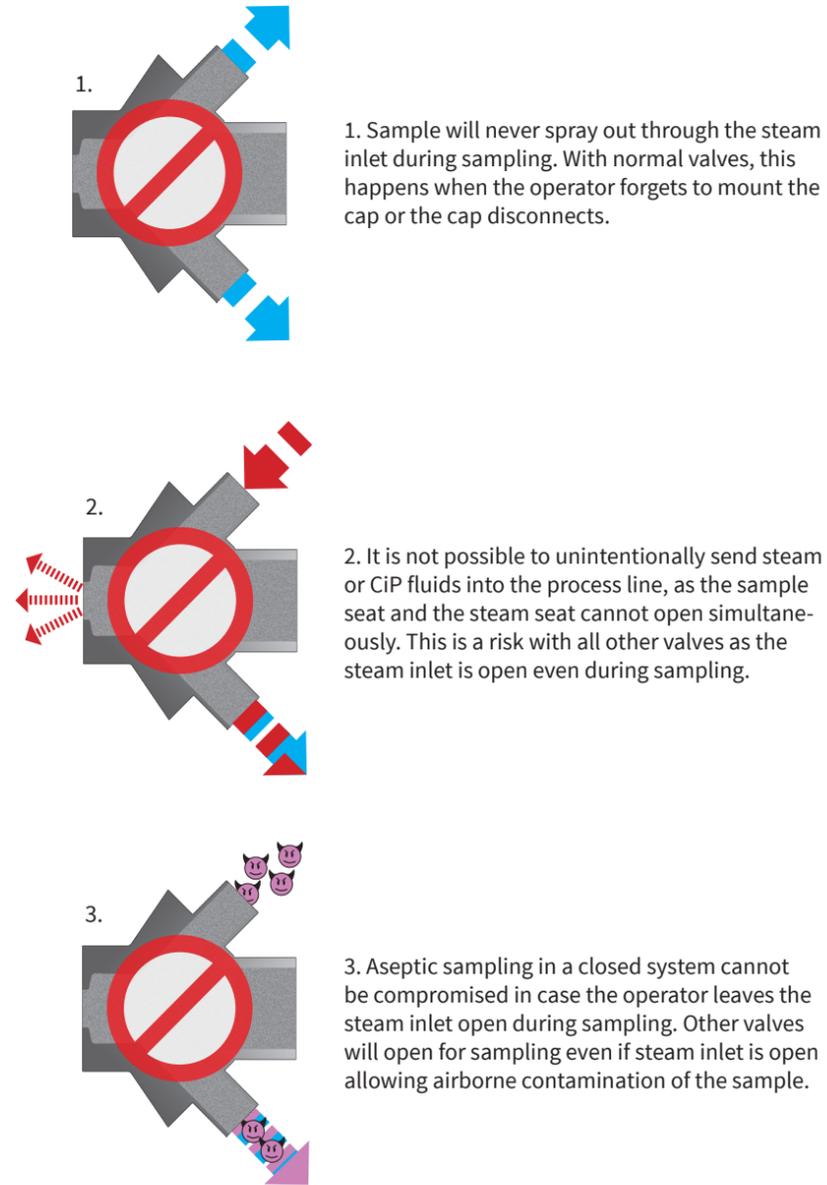
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head 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



## ADVANTAGES



## KEOFITT SESAME

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		
	TANK WELDING	PIPE WELDING	PIPE WELDING NW 25	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP
HOSE PIECE	 890001	 890011	 890014*	 890008	 890009	 890036
1/2" TRI-CLAMP	 890006	 890010	<i>On request</i>	<i>On request</i>	 890013	 890039
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>
1/2" WELDING ENDS	 890007	 890019	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>

\* ON REQUEST ONLY!

CONNECTION BODIES				INGOLD	
CLAMP 1" & 1½"	CLAMP 2"	THREAD	UNION DIN 11851	INGOLD 40 MM PORT LENGTH	INGOLD 50 MM PORT LENGTH
 NA-CONNECT ASME/DIN 890021	 890003	<i>On request</i>	 890040	<i>On request</i>	<i>On request</i>
 NA-CONNECT ASME/DIN 890022	 890005	<i>On request</i>	<i>On request</i>	 893105	 893205
<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>

## KEOFITT SESAME VALVE - HEADS

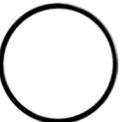
		TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
		SILICONE	 890041	 890043
EPDM	 890041E	 890043E	 890044E	
PTFE	 895541	 895543	 895544	

## 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
INGOLD I52 PTFE	 893241PTFE	 893243PTFE	 893244PTFE	

# KEOFITT SESAME - PARTS & ACCESSORIES

## SESAME PARTS & ACCESSORIES

O-RINGS								
	400208 EPDM 60X3	400308 EPDM 42X3	880830 EPDM 20.35X1.78	550184 FESTO				
	MEMBRANES							
		890051 SILICONE	890052 EPDM	890055 PTFE	895531 PTFE (I40)	895532 PTFE (I52)		
		FOR HOSE PIECE						
			800013 QC SPIKE	800058 COIL	800059 XL COIL	800070 QC STEEL PIPE	800091 QC PTFE	800082 QC HOSE BARB 3/8
FOR MINI TRI-CLAMP								
	900013 MINI CLAMP SPIKE		300021 CLAMP PTFE 10/8	550002.2 PTFE QC/TC 0.5M	550003.2 PTFE QC/TC 1M	550004 PTFE TC 0.5M	550005 PTFE TC 1.0M	
	FOR VALVE HEADS							
			880255 TOOL FOR PTFE	890170 LEVER HANDLE Q	890370 LEVER HANDLE SELF-CLOSING Q	600170 LEVER HANDLE N	600370 LEVER HANDLE SELF-CLOSING	
		MISC.						
			890063 SINGLE ST. ST.	890064 DOUBLE ST. ST. CHAIN	900075 CLAMP RING 1/2"	900086 CLAMP RING 1"	900189 CLAMP RING FOR SESAME VALVE	900021 MINI BLIND CAP
								
700108 HP W9 F/WELDING	800052 HP/HP W9		900031 HP W9/ MALE THREAD M12X1					

						
800083 QC TC	800086 QC W9 WITH M4 HP	550057 KÄRCHER ADAPTER	800061 QC PLUG	900045 QC SYRINGE INJECTION	550002 PTFE QC 0.5M	550003 PTFE QC 1.0M
						
800014 ADAPTER TC/1"	800171 QC ADAPTER HP/ THREAD	900096 ADAPTER HP/TC	900097 ADAPTER M4 HP/TC			600062 RUBBER CAP
						
900047 TUBE PTFE 10/8	900087 GASKET EPDM 1/2"	900091 GASKET EPDM 1"	900092 GASKET EPDM 2"	900074 GASKET EPDM 3/4"		

## 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.

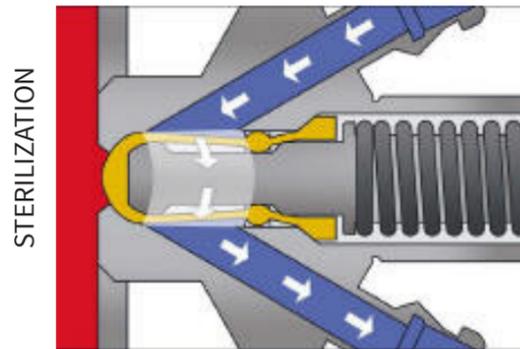
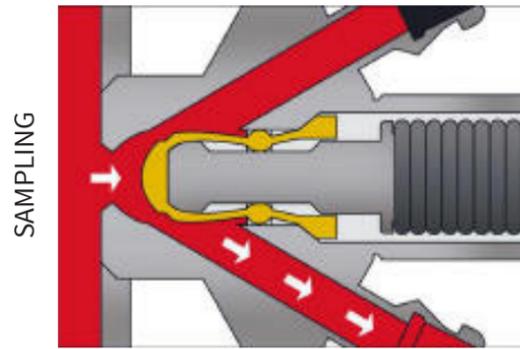
Refined over the years - inside electro-polish being the latest addition - it remains the most popular and best selling valve in the market by far. It is based on Keofitt's unique, patented membrane and is used in more than 300,000 sampling points worldwide.

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



## KEOFITT CLASSIC W9 SAMPLING VALVE

The KEOFITT CLASSIC W9 Sampling Valve is considered the father of all steam-sterilizable sampling valves. Refined through 40 years of experience it remains KEOFITT's most popular sampling valve. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 3 mm in diameter, it covers most needs for liquid sampling. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:

- Medical solutions
- Filtered Beer
- Creams and lotions
- Unprocessed milk

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

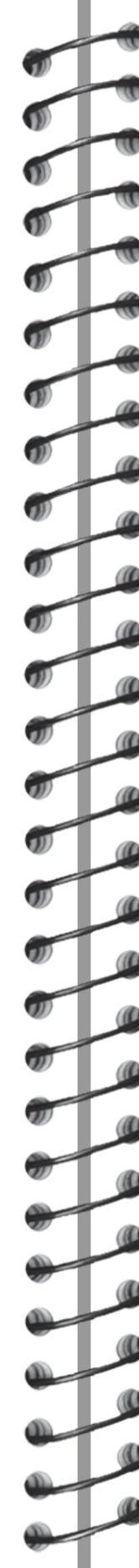
Accessories include quick couplings for the connection of tubing, piping and more.

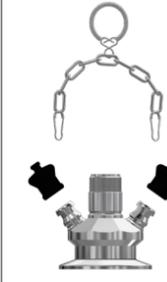
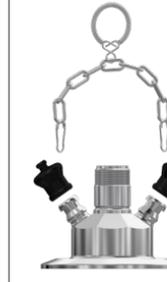


# KEOFITT CLASSIC W9 SAMPLING VALVE - BODIES

	WELDING BODIES				
	TANK WELDING	PIPE WELDING 1"	PIPE WELDING NW25	IN-LINE VERTICAL	IN-LINE HORIZONTAL
HOSE PIECE	 850001	 850011	 850014	 850027*	 850028*
1/2" TRI-CLAMP	 850006	 850010	<i>On request</i>	<i>On request</i>	<i>On request</i>
THREAD M16X1,5	 850015	 850016	 850018	<i>On request</i>	<i>On request</i>
1/2" WELDING ENDS	 850007	 850019	<i>On request</i>	<i>On request</i>	<i>On request</i>

\* ON REQUEST ONLY!



CONNECTION BODIES						
VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1" & 1½"	CLAMP 2"	CLAMP 3"	THREAD M28X1,5
 850008	 850009	 850036	 850021	 850003	 850004	 M28X1,5 850031 DIN 11851 DN 10 850040
 850020	 850013	 850039	 850022  850025	 850005  850026	<i>On request</i>	
<i>On request</i>	<i>On request</i>	<i>On request</i>	 850024	<i>On request</i>	<i>On request</i>	 850037 M28X1,5
<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	

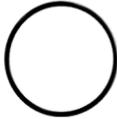
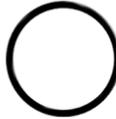
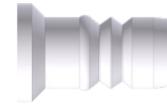
# KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS

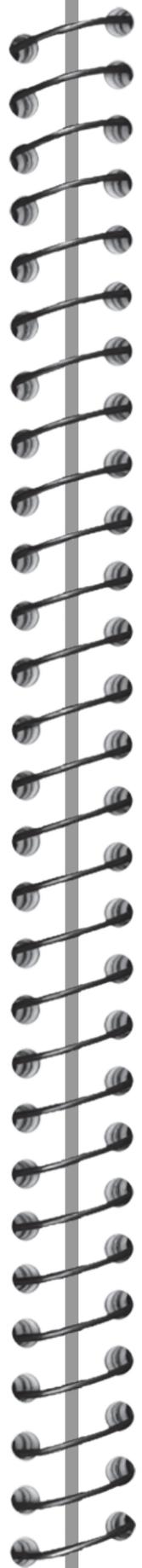
		TYPE H TURN KNOB 0-10 BAR (FFKM 0-6 BAR)	TYPE H TURN KNOB W/. MICROPORT 0-10 BAR	TYPE K KEY RING 0-10 BAR (FFKM 0-6 BAR)	TYPE K KEY RING W/OPT. MICROPORT 0-10 BAR
		W9 HEADS			
W9 HEADS	SILICONE	 600041	 600048	 600042	 600049
	EPDM	 600041E	 600048E	 600042E	 600049E
	FFKM	 600041F	<i>Not available</i>	 600042F	<i>Not available</i>
	PTFE	 855541	<i>Not available</i>	 855542	<i>Not available</i>

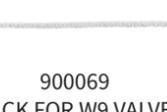
TYPE Q LEVER HANDLE 0-10 BAR (FFKM 0-6 BAR)	TYPE N PNEUMATIC 0-10 BAR (FFKM 0-6 BAR)	TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR (FFKM 0-6 BAR)	TYPE B NO SPRING 0-12 BAR(G)
 600043	 600044	 600045	 600047
 600043E	 600044E	 600045E	 600047E
 600043F	 600044F	 600045F	 600047F
 855543	 855544	 855545	 855547

# KEOFITT CLASSIC W9 - PARTS & ACCESSORIES

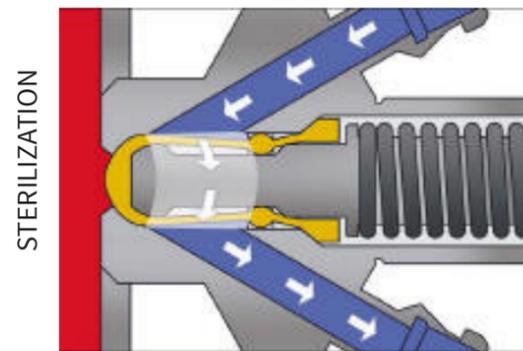
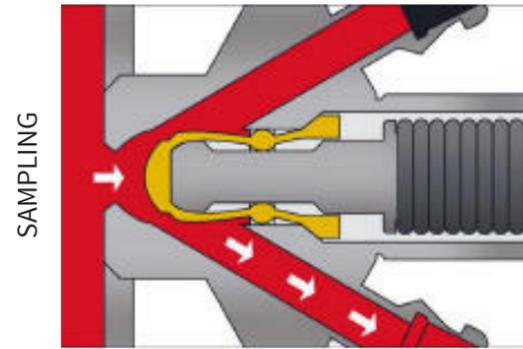
## W9™ PARTS & ACCESSORIES

O-RINGS	 400208 EPDM 60X3	 400308 EPDM 42X3	 550184 FESTO	 600825 SILICONE 7.1X1.6	 600825E EPDM 7.1X1.6	 800830 10.3X2.4 SILIC
MEMBRANES	 600051 SILICONE	 600052 EPDM	 600251 SILICONE MP	 600252 EPDM MP	 600053 FFKM	 850055 PTFE
FOR THREAD M16X1,5	 700061 STEEL CAP	 700070 TUBE FITTING WL	 700071 TUBE FITTING PTFE	 700084 BARB 4MM	 700085 BARB 6MM	 700062 HP W9 16X1.5
FOR HOSE PIECE	 550057 KÄRCHER ADAPTOR	 600062 RUBBER CAP	 800013 QC SPIKE	 800058 COIL	 800059 XL COIL	 800070 QC STEEL PIPE
FOR MINI TRI-CLAMP	 300021 CLAMP PTFE 10/8	 550004 PTFE TC 0.5M	 550005 PTFE TC 1.0M	 800014 ADAPTER TC/1"	 900013 MINI CLAMP SPIKE	 900096 ADAPTOR W9/W15 HP/TC
FOR VALVE HEADS	 600076 KEY RING	 600149 BUSHING	 600170 LEVER HANDLE Q/N	 600255 TOOL PTFE	 600370 LEVER HANDLE SELF-CLOSING	 900018 TOMMY BAR
MISC.	 600063 SINGLE ST. ST. CHAIN	 600064 DOUBLE ST. ST. CHAIN	 600066 SINGLE ST. ST. CHAIN W/HOOK	 400166 PROXIMITY SENSOR	 600266 PROXIMITY SENSOR	 600267 PROXIMITMOUNTING KIT
	 900047 TUBE PTFE 10/8	 900186 CLAMP RING 2"	 900075 CLAMP RING 1/2"	 900086 CLAMP RING 1"	 900021 BLIND CAP	 900076 BLIND CAP 1"



 800830E EPDM 10.3X2.4	 800859 SILICONE 7.5X2.5	 900829 EPDM 21X4				
 800077 EMERGENCY TOOL						
 800061 QC PLUG	 800082 QC HOSE BARB 3/8	 800083 QC TC	 800086 QC W9 WITH M4 HP	 900045 QC SYRINGE INJECTION	 800171 QC PTFE M16X1.5	 800085 QC W9 LUER LOCK ADAPTER
 900097 ADAPTER M4 HP/TC		 550002 PTFE QC 0.5M	 550003 PTFE QC 1.0M	 800091 QC W/HOSE BARB FOR PTFE 10/8	 900031 HP MALE THREAD M12	 800095 QC W9 MALE LUER LOCK ADAPTER
 700108 HOSE PIECE	 800052 HOSE PIECE/HOSE PIECE	 800075 WELDING PIECE FOR PTFE	 850840 PINOL SCREW	 900008 SOCKET ALU-TANKS	 900069 WICK FOR W9 VALVE MP	 900022 NEEDLE
 550002.2 PTFE QC/TC 0.5M	 550003.2 PTFE QC/TC 1.0M	 900092 GASKET EPDM 2"	 900093 GASKET EPDM 3"	 900074 GASKET EPDM 3/4"	 900087 GASKET 1/2"	 900091 GASKET EPDM 1"

## HOW IT WORKS



## KEOFITT CLASSIC "INGOLD" SAMPLING VALVE

The KEOFITT CLASSIC "INGOLD" sampling valve is designed to fit bio-connectors type Ingold®. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 2 mm in diameter, it covers most needs for liquid sampling. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:

- Medical solutions
- Filtered Beer
- Creams and lotions
- Unprocessed milk

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

Accessories include quick couplings for the connection of tubing, piping and more.



# KEOFITT CLASSIC “INGOLD” SAMPLING VALVE - BODIES

		STANDARD FOR 40 MM PORT LENGTH*	
INGOLD BODIES	HOSE PIECE	<i>On request</i>	<i>On request</i>
	MINI TRI-CLAMP	 <p>310002</p>	 <p>310005</p>
	WELDING LINER	<i>On request</i>	<i>On request</i>

\* OTHER PORT LENGTH - AVAILABLE ON REQUEST

		STANDARD FOR 52 MM PORT LENGTH*	
INGOLD BODIES	HOSE PIECE	<i>On request</i>	<i>On request</i>
	MINI TRI-CLAMP	 <p>320002</p>	 <p>320005</p>
	WELDING LINER	<i>On request</i>	 <p>320007</p>

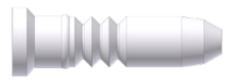
\* OTHER PORT LENGTH - AVAILABLE ON REQUEST

# KEOFITT CLASSIC "INGOLD" SAMPLING VALVE - HEADS

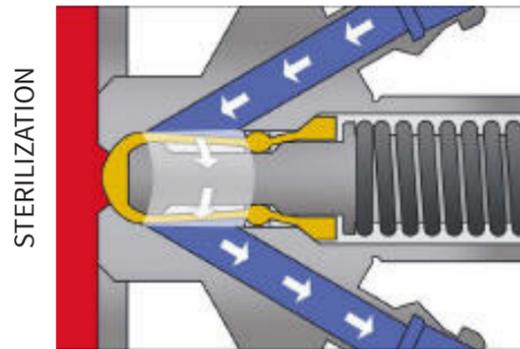
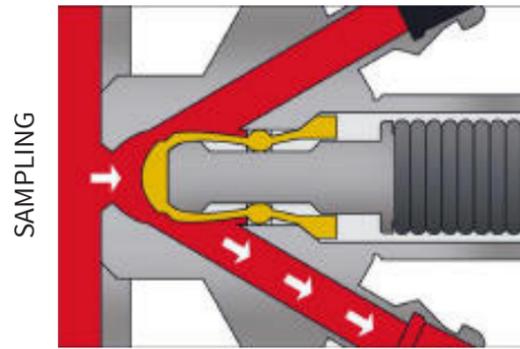
		TYPE H TURN KNOB 0-10 BAR(G)		TYPE Q LEVER HANDLE 0-10 BAR(G)	
INGOLD HEADS	SILICONE	 310041	 320041	 310043	 320043
	EPDM	 310041E	 320041E	 310043E	 320043E
	PTFE	 315541	 325541	 315543	 325543

		TYPE N LEVER HANDLE PNEUMATIC 0-10 BAR(G)		TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR			
		 310044	 320044	<i>On request</i>			
		 310044E	 320044E			<i>On request</i>	
		 315544	 325544				

# KEOFITT CLASSIC "INGOLD" - PARTS & ACCESSORIES

W9™ INGOLD PARTS & ACCESSORIES	O-RINGS	MEMBRANES	FOR MINI TRI-CLAMP	FOR VALVE HEADS	MISC.				
	 <p>300118 EPDM 20.24X2.62</p>	 <p>300119 20.24X2.62 FDA</p>	 <p>550184 FESTO</p>						
	 <p>310051 SILICONE (I40)</p>	 <p>310052 EPDM (I40)</p>	 <p>310055 PTFE (I40)</p>	 <p>320051 SILICONE (I52)</p>	 <p>320052 EPDM (I52)</p>	 <p>320055 PTFE (I52)</p>			
	 <p>300021 CLAMP PTFE 10/8</p>	 <p>550004 PTFE TC 0.5M</p>	 <p>550005 PTFE TC 1.0M</p>	 <p>800014 ADAPTER MINI CLAMP /1" CLAMP</p>	 <p>800083 QC TC</p>	 <p>900013 MINI CLAMP SPIKE</p>	 <p>900096 ADAPTER HP/TC</p>	 <p>900097 ADAPTOR M4 HP/TC</p>	
 <p>300255 TOOL PTFE (I40/I52)</p>	 <p>600149 BUSHING</p>	 <p>600170 LEVER HANDLE Q/N</p>	 <p>600370 LEVER HANDLE SELF-CLOSING</p>	 <p>900074 GASKET EPDM 3/4"</p>	 <p>900087 GASKET EPDM 1/2"</p>	 <p>550002.2 PTFE TUBING W/QC/TC 0.5M</p>	 <p>550003.2 PTFE TUBING W/QC/TC 1 M</p>	 <p>900018 TOMMY BAR</p>	 <p>850840 PINOL SCREW F/W9 HEAD</p>
 <p>320530 ADAPTOR 30MM (I52)</p>	 <p>320540 ADAPTOR 40 MM (I52)</p>	 <p>320830 ADAPTOR PTFE 50MM (I52)</p>	 <p>900075 CLAMP RING 1/2"</p>	 <p>900021 BLIND CAP FOR MINI CLAMP</p>	 <p>700108 HOSE PIECE W9</p>	 <p>400166 PROXIMITY SWITCH FOR M4/W9</p>	 <p>600266 PROXIMITY SENSOR W9 - CLOSED POS.</p>	 <p>600267 PROXIMITY SENSOR MOUNTING KIT W9</p>	

## HOW IT WORKS



## KEOFITT CLASSIC 4KAI SAMPLING VALVE

The KEOFITT CLASSIC 4KAI Sampling Valve is the smallest KEOFITT CLASSIC valve available. It is designed for the sampling of low viscosity products in the range of 0-100 cP with particles less than 1.5 mm in diameter. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:

- Water
- Milk
- Medical solutions
- Filtered Beer
- Perfume
- Olive Oil

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

Accessories include quick couplings for the connection of tubing, piping and more.



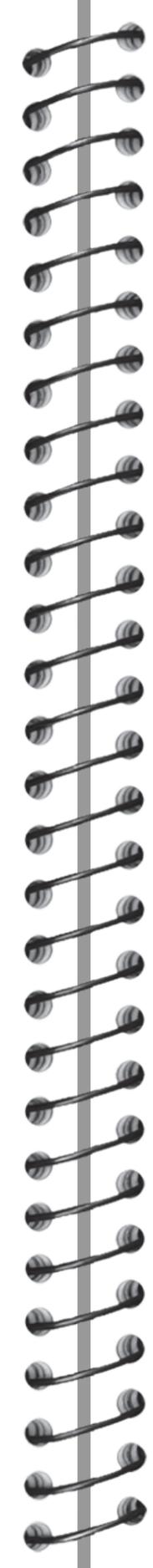
# KEOFITT CLASSIC 4KAI SAMPLING VALVE - BODIES

		WELDING BODIES		
		TANK WELDING Ø28	PIPE WELDING 1"	PIPE WELDING NW25
4KAI BODIES	HOSE PIECE			
		440001	440011	440014

		CONNECTION BODIES	
		MINI CLAMP	CLAMP 1" & 1½"
			
		440021	440022

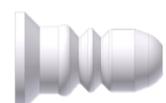
# KEOFITT CLASSIC 4KAI SAMPLING VALVE - HEADS

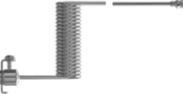
<b>4KAI HEADS</b>	<p>TYPE H TURN KNOB 0-10 BAR (G)</p>
	 <p>440041</p>
	 <p>440041E</p>
<p>PTFE</p>	 <p>445541</p>



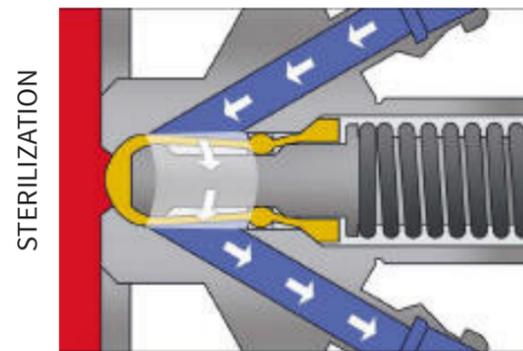
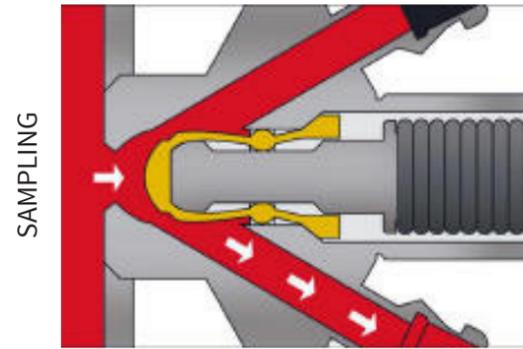
<p>TYPE N PNEUMATIC 0-10 BAR (G)</p>
 <p>440044</p>
 <p>440044E</p>
 <p>445544</p>

# KEOFITT CLASSIC 4KAI - PARTS & ACCESSORIES

4KAI™ PARTS & ACCESSORIES	O-RINGS	 800830 10.3X2.4 SILIC	 800830E EPDM 10.3X2.4	 550184 FESTO	 600825 SILICONE 7.1X1.6			
	MEMBRANES	 400051 SILICONE	 400052 EPDM	 400055 PTFE				
	FOR HOSE PIECE	 550057 KÄRCHER ADAPTOR	 800082 QC HOSE BARB 3/8	 800083 QC TC	 800086 QC W9 WITH M4 HP	 800061 QC PLUG	 800070 QC STEEL PIPE	
		 600062 RUBBER CAP						
	FOR VALVE HEADS	 900018 TOMMY BAR	 600370 LEVER HANDLE SELF-CLOSING	 600170 LEVER HANDLE Q/N	 400255 TOOL PTFE			
	MISC.	 440064 DOUBLE ST. ST. CHAIN	 900086 CLAMP RING 1"	 900075 CLAMP RING 1/2"	 900047 TUBE PTFE 10/8	 900087 GASKET 1/2"	 900091 GASKET EPDM 1"	

 900045 QC SYRINGE INJECTION	 900031 HP MALE THREAD M12	 800058 COIL	 800059 XL COIL	 800091 QC PTFE	 550003 PTFE QC 1.0M	 550002 PTFE QC 0.5M	
 550002.2 PTFE QC/TC 0.5M	 550003.2 PTFE QC/TC 1.0M	 440149 BUSHING FOR 4KAI/ BASIX HEAD	 800052 HOSE PIECE/ HOSE PIECE				

## HOW IT WORKS



## KEOFITT CLASSIC W15 SAMPLING VALVE

The KEOFITT CLASSIC W15 Sampling Valve is designed for high viscosity products in the range of 0-50,000 cP with particles up to 8 mm in diameter. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:

- Yoghurt
- Honey
- Syrup
- Ketchup
- Marmalade
- Creams and lotions
- Fruit pulp products

Available with PTFE membrane.



# KEOFITT CLASSIC W15 SAMPLING VALVE - BODIES

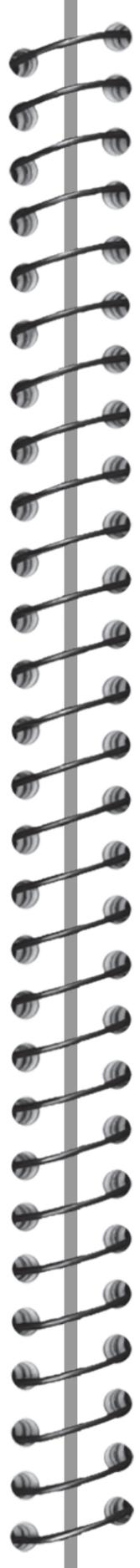
		WELDING BODIES	
		TANK WELDING	PIPE WELDING
W15 BODIES	3/4" TRI-CLAMP	 <p>860001</p>	 <p>860011</p>
	3/4" WELDING ENDS	 <p>860007</p>	<i>On request</i>

CONNECTION BODIES			
VARIVENT Ø68	CLAMP 1"	CLAMP 2"	CLAMP 3"
 <p>860009</p>	 <p>860004</p>	 <p>860002</p>	 <p>860003</p>
<i>On request</i>	<i>On request</i>	<i>On request</i>	

# KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS

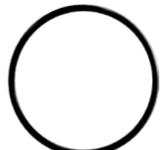
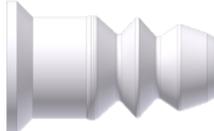
W15 HEADS	<p>TYPE H TURN KNOB 0-10 BAR (G)</p>	<p>TYPE B NO SPRING 0-12 BAR (G)</p>
	 <p>865541</p>	 <p>865547</p>

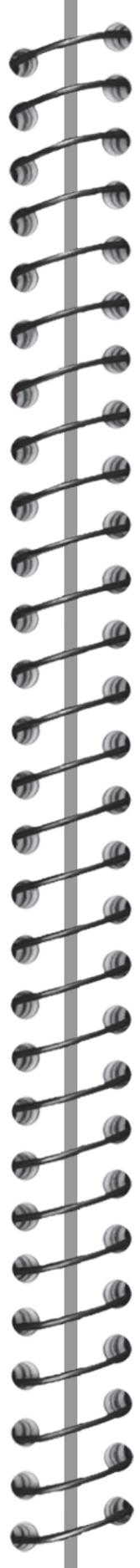
PTFE



<p>TYPE N PNEUMATIC 0-10 BAR (G)</p>
 <p>865544</p>

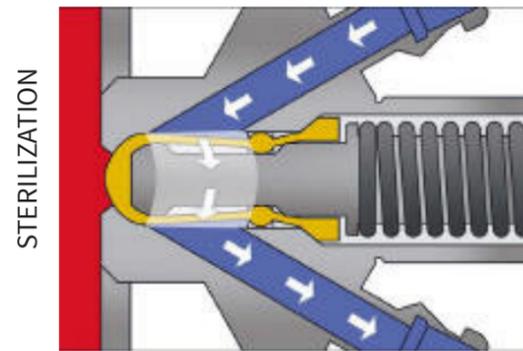
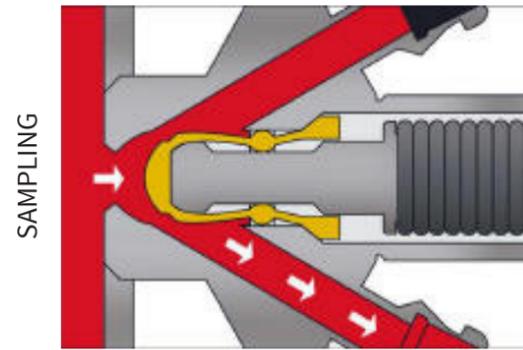
# KEOFITT CLASSIC W15 - PARTS & ACCESSORIES

W15™ PARTS & ACCESSORIES	O-RINGS	 400208 EPDM 60X3	 550184 FESTO	
	MEMBRANES	 860055 PTFE		
	FOR MINI TRI-CLAMP	 300021 CLAMP PTFE 10/8	 550004 PTFE TC 0.5M	 550005 PTFE TC 1.0M
	FOR VALVE HEADS	 600170 LEVER HANDLE Q/N	 600370 LEVER HANDLE SELF-CLOSING	 860255 TOOL PTFE
	MISC.	 900075 CLAMP RING 1/2"	 900074 GASKET EPDM 3/4"	 900092 GASKET EPDM 2"



 800014 ADAPTER TC/1"	 900013 MINI CLAMP SPIKE	 900096 ADAPTER HP/TC
 900093 GASKET EPDM 3"	 900186 2" CLAMP RING	

## HOW IT WORKS



## KEOFITT CLASSIC W25 SAMPLING VALVE

The KEOFITT CLASSIC W25 Sampling Valve is the largest KEOFITT sampling valve. Designed for sampling of very high viscosity products in the range of 0-250,000 cP and particles less than 17 mm in diameter. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

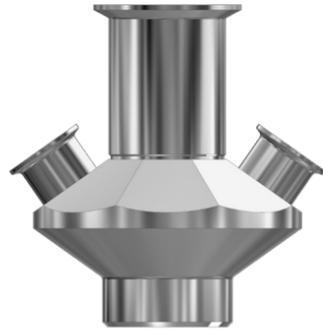
This valve is used in a range of industries such as food, dairy, pharmaceutical and bio-tech for products such as:

- Peanut Butter
- Fruit Pulp
- Syrup
- Cellulose
- Fruit Mixed Products
- Cosmetics

Available with PTFE membrane.



# KEOFITT CLASSIC W25 SAMPLING VALVE - BODIES

		WELDING BODIES	
		TANK WELDING	PIPE WELDING
W25 BODIES	1" CLAMP	 <p>870001</p>	<p><i>On request</i></p>
	VELDING LINER	<p><i>On request</i></p>	<p><i>On request</i></p>

		CONNECTION BODIES	
		VARIVENT Ø68	CLAMP 3"
		 <p>870009</p>	 <p>870003</p>
		<p><i>On request</i></p>	<p><i>On request</i></p>

# KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

W25 HEADS

PTFE

TYPE N  
LEVER HANDLE  
PNEUMATIC



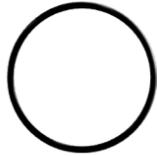
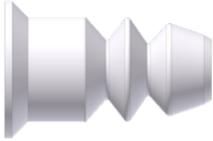
875544

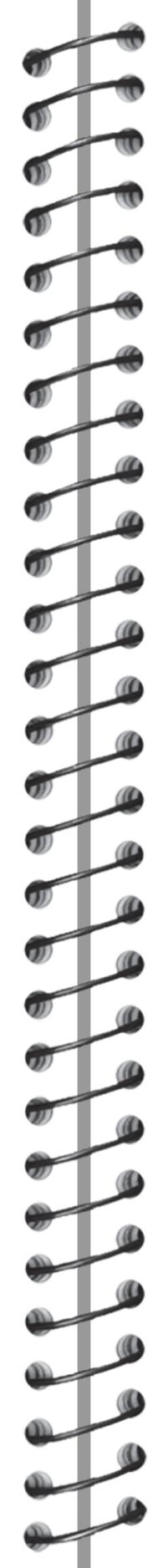
TYPE B  
NO SPRING  
0-12 BAR



875547

# KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

<b>W25™ PARTS &amp; ACCESSORIES</b>	O-RINGS	 400208 EPDM 60X3	 900091 GASKET EPDM 1"	
	MEMBRANES	 870055 PTFE		
	FOR VALVE HEADS	 870255 TOOL PTFE		
	MISC.	 900086 CLAMP RING 1"	 800014 ADAPTER TC/1"	 900093 GASKET EPDM 3"



 900187 CLAMP RING FOR W25 VALVE		

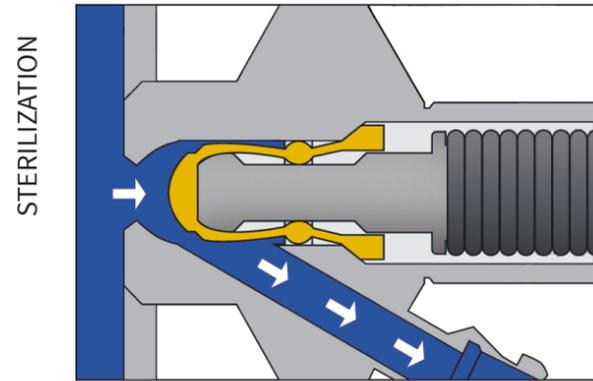
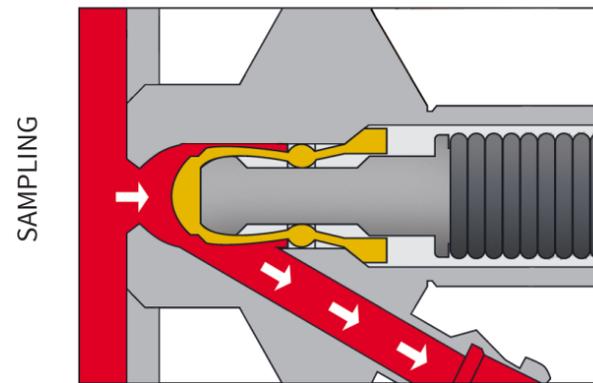
# KEOFITT SINGLE-PORT

Replace your ordinary, non-hygienic sampling cocks with the KEOFITT Single-Port Sampling Valve.

This valve is CIP-able with process CIP and still true to the Keofitt concept, as it is available with various process connections with manual or pneumatic operation.



## HOW IT WORKS



## KEOFITT SINGLE-PORT W9™ SAMPLING VALVE

The KEOFITT Single-Port W9™ sampling valve is our solution for CIP-able sampling from less demanding applications. If the BASIX™ does not cover your need due its smaller size, the 9mm outlet on the Single-Port W9 will do the job. With the W9-solution you have the added benefit of choosing products from a selected range within the W9 product outline.

This valve is designed for sampling of products with a viscosity of 0-1000 cP with particles up to 3 mm in diameter.

The Single-Port W9 valve is usable for simple, hygienic sampling in all industries for products such as:

Water

Milk

Perfume

Fruit juice

Available in many versions; choose your preferred type of head from our W9 product outline.



# KEOFITT SINGLE-PORT W9 - BODIES

SINGLE-PORT W9 BODIES

HOSE PIECE

## WELDING BODIES

### TANK WELDING



850001-1

### PIPE WELDING 1"



850011-1

## CONNECTION BODIES

### VARIVENT Ø50



850008-1

### VARIVENT Ø68



850009-1

### MINI CLAMP



850036-1

### CLAMP 1" & 1½"

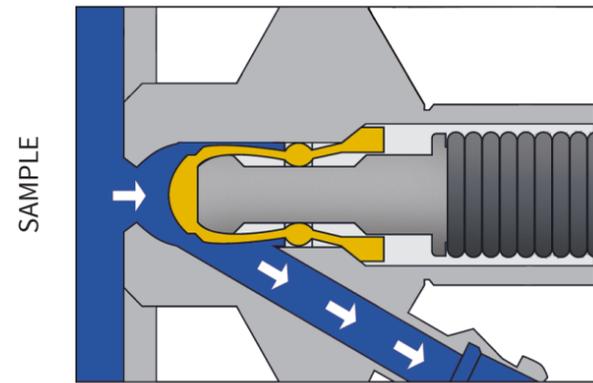
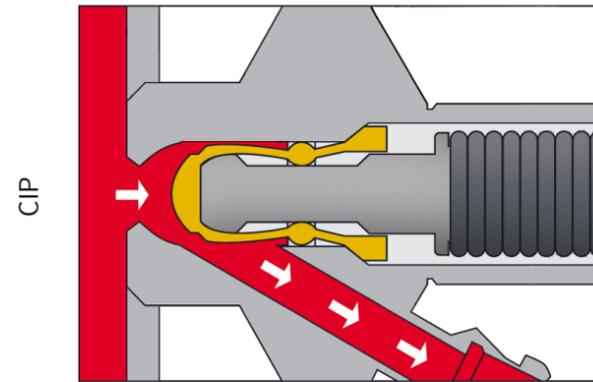


850021-1

\* CHOOSE VALVE HEAD AND PARTS & ACCESSORIES FROM THE W9 SECTION

\* CHOOSE VALVE HEAD AND PARTS & ACCESSORIES FROM THE W9 SECTION

## HOW IT WORKS



## KEOFITT BASIX SAMPLING VALVE

The KEOFITT BASIX™ Sampling Valve is our basic CIP-able sampling valve for less demanding applications. The KEOFITT BASIX™ Sampling Valve is our product category for process CIP-able sampling valves for less demanding applications that require no separate inlet for sterilizing or sanitizing media.

This valve is designed for sampling of low viscosity products in the range of 0-100 cP with particles less than 1,5 mm in diameter.

Basix™ is used for simple, hygienic sampling in all industries for products such as:

Water

Milk

Perfume

Fruit Juice

Available in manual and pneumatic versions this valve is offered complete as a valve body and valve head combination.

Choose from silicone, EPDM or PTFE membranes.



# KEOFITT BASIX SAMPLING VALVES

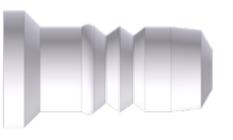
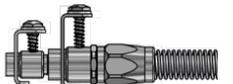
		MANUAL VALVE			
		TANK WELDING	PIPE WELDING	MINI CLAMP	1" & 1½" CLAMP
HOSE PIECE					
	SILICONE	450141	451141	452141	452241
	EPDM	450141EPDM	451141EPDM	452141EPDM	452241EPDM
	PTFE	450141PTFE	451141PTFE	452141PTFE	452241PTFE

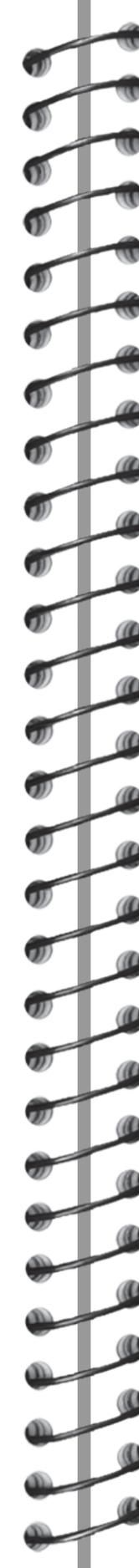
		PNEUMATIC VALVE			
		TANK WELDING	PIPE WELDING	MINI CLAMP	1" & 1½" CLAMP
					
		450144	451144	452144	452244
		450144EPDM	451144EPDM	452144EPDM	452244EPDM
		450144PTFE	451144PTFE	452144PTFE	452244PTFE

KEOFITT BASIX™

# KEOFITT BASIX - PARTS & ACCESSORIES

## BASIX™ PARTS & ACCESSORIES

O-RING	 600825 SILICONE 7.1X1.6	 550184 FESTO	 800830 SILICONE 10.3X2.4	 830830E EPDM 10.3X2.4
	MEMBRANE	 400051 SILICONE	 400052 EPDM	 400055 PTFE
FOR HOSE PIECE	 550002 PTFE QC O.5M	 550003 PTFE QC 1.0M	 550002.2 PTFE QC/TC O.5M	 550003.2 PTFE QC/TC 1M
	 800083 QC TC	 900045 QC SYRINGE INJECTION	 600062 RUBBER CAP	 450063 SINGLE ST.ST. CHAIN
	 600170 LEVER HANDLE Q/N	 600370 LEVER HANDLE SELF-CLOSING	 800052 HOSE PIECE/HOSE PIECE W9	 400255 TOOL FOR MEMBRANE (PTFE)
	 900091 GASKET EPDM 1"	 900018 TOMMY BAR	 900031 HP W9/MALE THREAD M12	 900047 TUBE PTFE 10/8MM



 800086 QC W9 WITH M4 HP	 800061 QC PLUG	 800070 QC STEEL PIPE	 800091 QC PTFE	 800082 QC W9 HOSE ID 7
 800058 SAMPLING COIL W9	 800059 SAMPLING COIL XL W9			
 900075 CLAMP RING 1/2"	 900086 CLAMP RING 1"			
 900087 GASKET MINI CLAMP 1/2" EPDM	 440149 BUSHING FOR 4KAI/ BASIX HEAD			

# KEOFITT ASEPTIC

This is where you find everything you need to complete your KEOFITT sampling system:

The main products for this category is the unique single-use sampling bag systems allowing safe and aseptic sampling from any type of sampling valve. You can improve sample integrity and convenience immediately by using these products for existing sampling devices – whether they are KEOFITT or not.



# KEOFITT SAMPLING BAGS

The Keofitt Sampling Bags have all been developed as single-use solutions to the cumbersome and difficult task of taking a representative sample and bringing it safe and clean from the sampling point to the laboratory.

At the same time the Keofitt Sampling Bags offer convenience and safety in use and higher efficiency in the work process. No prior assembly or cleaning of any components; no glass or metal component is introduced to the production area.

All Keofitt Sampling Bags are made of medical grade plastics complying with all relevant FDA, USP and ISO regulations for both the food and the pharmaceutical/biotech industries.

The Keofitt Sampling Bags are delivered separately packed and sterilized by irradiation. In each carton a Radiation Certificate and a Certificate of Conformity are enclosed.

The Keofitt Sampling Bags are manufactured following strict in-process testing including a test for endotoxins.

The proper performance of all Keofitt Sampling Bags is supported by a number of validation documents covering SIP'ability, biocompatibility, extractables, USP Class VI, endotoxins, mechanical and chemical properties etc.



# KEOFITT STERILE SAMPLING BAGS

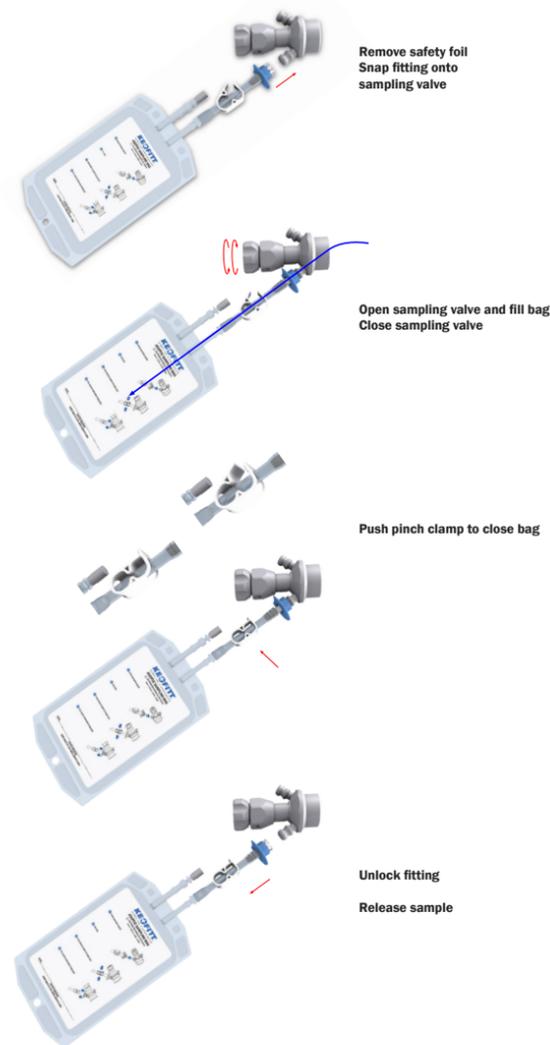
The Keofitt Sterile Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. The sterile condition and the closed fluid path enables the user to extract liquid samples from the process line greatly reducing the risk of contaminating the sample from airborne contaminants in the environment compared to using traditional sample recipients.

The Keofitt Sterile Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

The Sterile Sampling Bag is intended for collecting and easy storage of samples for chemical analysis. For microbiological samples the Aseptic Sampling Bag is recommended.

The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm in diameter. Products with higher viscosity may be sampled, only will it take longer.

The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air Flow (LAF) bench.



		STERILE SAMPLING BAGS	
		SIZE	ART. NO.
HOSE PIECE		500 ML	110500
		1000 ML	111000
		2000 ML	112000
MINI TRI-CLAMP		500 ML	110500TC*
		1000 ML	111000TC*
		2000 ML	112000TC*

## KEOFITT SAMPLING BAGS

# KEOFITT ASEPTIC SAMPLING BAGS

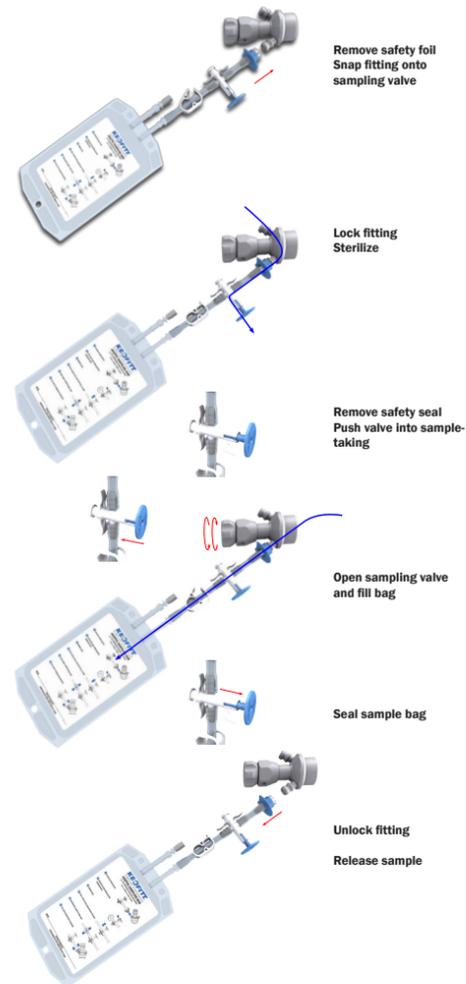
The Keofitt Aseptic Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. Contrary to the Sterile Sampling Bag the Aseptic Bag is equipped with a 3-way valve allowing to steam sterilize the bag system before sampling. The sterile condition and this possibility to steam the flowpath in a closed circuit enable the user to extract a truly representative aseptic sample from a liquid process line sampling point in a convenient way.

The Keofitt Aseptic Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. The unique design allows the connection between the sampling valve and the sampling bag to be steam sterilized in place. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

The Aseptic Sampling Bag is a single use product intended for collecting and easy storage of samples from true aseptic samples for microbiological and chemical analysis.

The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm in diameter. Products with higher viscosity may be sampled, only will it take longer.

The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air Flow (LAF) bench.



## KEOFITT SAMPLING BAGS

HOSE PIECE



MINI TRI-CLAMP



### ASEPTIC SAMPLING BAGS

SIZE ART. NO.

50 ML 120050\*

250 ML 120250

500 ML 120500

1000 ML 121000

2000 ML 122000

50 ML 120050TC\*

250 ML 120250TC

500 ML 120500TC

1000 ML 121000TC

2000 ML 122000TC

\*ON REQUEST ONLY!

## KEOFITT SPIKE SAMPLING BAGS

The Keofitt Spike Sampling Bag is a cost-effective single-use sampling bag to be used where requirements to sterility and storage time are less severe. It features a unique auto-sealing septum allowing very thick needles for fast and convenient sampling of most liquids including viscous products.

The Keofitt Spike Sampling Bag is a single-layer sampling bag manufactured under cleanroom conditions (class D) and available in:

- A polypropylene (PP) bag where cleanroom manufacturing conditions are sufficient

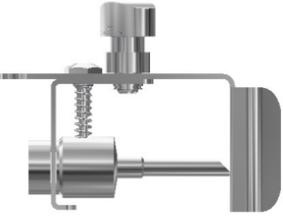
The Spike Sampling Bag features a unique sealed and sterilized septum, which accepts very large needles (spikes) with 2-3 mm internal diameter. This assures a much faster sampling process than otherwise experienced with hypodermic needles. Despite the large needle the unique septum design assures an auto-sealing effect after collection of the sample.

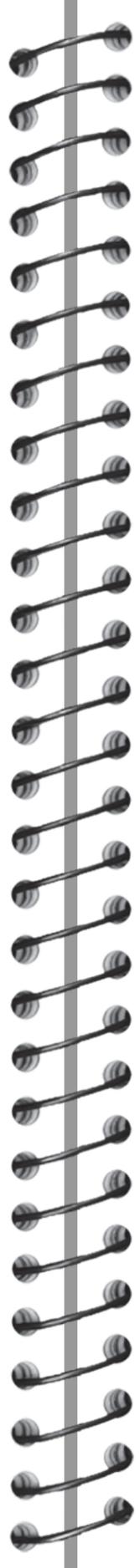
The Spike Sampling Bag works with the Keofitt Quick Coupling Spikes that fit all standard Simplex, M4 and W9 Keofitt Sampling valves with either Keofitt Hose Piece connection or Mini Clamp connection (see Accessories).

### KEOFITT SAMPLING BAGS

SPIKE BAGS		
	SIZE	ART. NO.
	1000 ML	131000PP

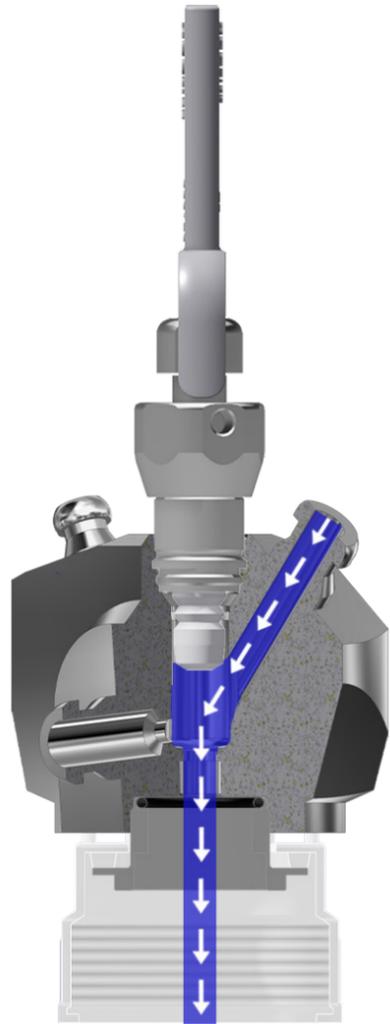
# KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

<b>SAMPLING BAGS PARTS &amp; ACCESSORIES</b>	<b>FOR HOSE PIECE</b>	 <p>800013 QC SPIKE (W9)</p>	 <p>400830 SILICONE 5.3X2.4</p>
	<b>FOR MINI CLAMP</b>	 <p>900013 MINI CLAMP SPIKE</p>	 <p>800014 ADAPTOR TC/1"</p>
		 <p>800083 QC W9/TC</p>	 <p>900096 ADAPTOR W9/W15 HP/TC</p>

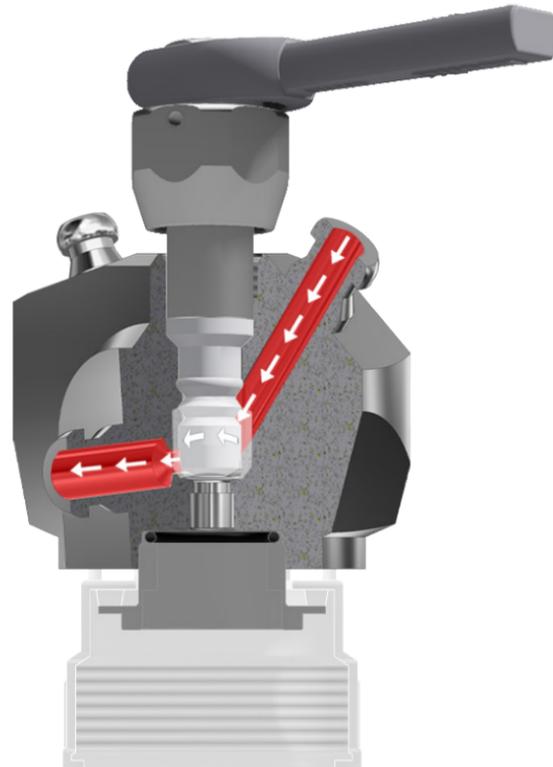


 <p>800830 SILICONE 10.3X2.4</p>		
 <p>900075 CLAMP RING 1/2"</p>	 <p>900087 GASKET EPDM 1/2"</p>	 <p>900074 GASKET EPDM 3/4"</p>

SAMPLING



STERILIZATION



## **KEOFITT® BOTTLE SAMPLING SYSTEMS**

The KEOFITT Aseptic System enables the user to take a truly representative aseptic sample. It protects the sample against airborne contamination, while extracting the sample, during transportation and storage.

The standard operating procedure involves steaming the sampling valve with the KEOFITT Aseptic System connected, in order to sterilize the sampling valve and the connection between the sampling valve and the KEOFITT Aseptic System. This procedure ensures the sterilization of the whole flow path in a closed circuit.

The KEOFITT Aseptic System is based on KEOFITT's guaranteed high quality, microbiologically safe valve design. It shall be used with PP sampling bottles (# 260325 / 260525 / 260625 / 260725 / 260825), which are autoclavable, robust and translucent.

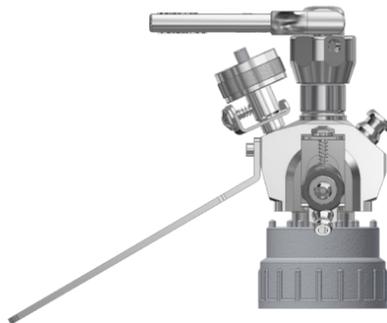
# KEOFITT SAMPLING BOTTLE SYSTEMS

SAMPLING BOTTLE SYSTEMS

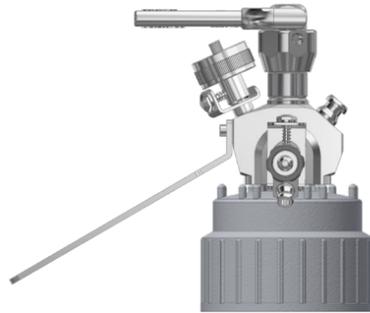
**ASEPTIC SAMPLING SYSTEM**  
for bottle sizes 250-2000 ml

**ASEPTIC SAMPLING SYSTEM**  
for bottle sizes 4000/5000 ml

**SAMPLING BOTTLE HEAD W9**



260005



260006



260030

**SAMPLING BOTTLE HEAD W15**

**SAMPLING BOTTLE HEAD W25**



860030



870030



## KEOFITT VARIOUS

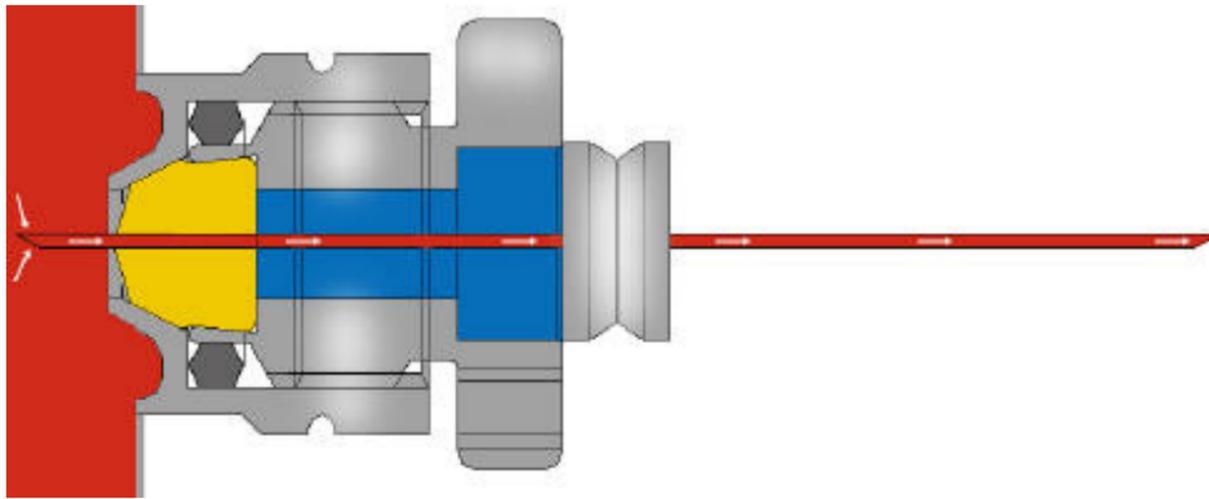
Being the world market's only true specialist KEOFITT has developed the widest and deepest product range available for sampling of liquids in all industries.

To satisfy the specific demands from the different industries KEOFITT has introduced a various special items, such as:

- **Micro Port**  
provide an easy and hygienic solution for extracting liquid samples from a production batch using hypodermic needles or syringes.
- **Portable Steam Cleaning Unit**  
designed to provide steam for cleaning and disinfecting in sampling locations where a fixed steam supply is not available.
- **Carlsberg Flask vessel system**  
designed for the propagation of yeast cultures in a sterile environment and the transfer of the pure yeast culture under sterile conditions.



*SAMPLING*



## KEOFITT MICRO PORT

The KEOFITT MICRO PORT is a re-sealing rubber septum designed to take samples using hypodermic needles or syringes with minimal risk of contamination. Designed for sampling low viscosity products in the range 0-50 cP.

The KEOFITT MICRO PORT is easy to use and maintain, if needle sampling is required.

The Micro Ports are used in a range of business areas, such as brewery, dairy, pharmaceutical and biotechnological industries, with a wide range of products such as:

- Water
- Medical solutions
- Milk
- Filtered Beer
- Perfume
- Olive Oil

Available as a single septum or as a MULTI MICRO PORT with seven septums.



# KEOFITT MICRO PORT

MICRO PORT / MULTI MICRO PORT 49

BUTYL (IIR) MEMBRANE

MICRO PORT		
TANK	PIPE WELDING 1"	PIPE WELDING NW25
 <p>900056</p>	 <p>900057</p>	 <p>900014</p>
MINI CLAMP	CLAMP 1" & 1½"	VARIVENT
 <p>900059</p>	 <p>900058</p>	<p><i>On request</i></p>

MULTI MICRO PORT 49		
TANK WELDING 7XBUTYL MEMBRANE	VARIVENT Ø68 7XBUTYL MEMBRANE	CLAMP 3" 7XBUTYL MEMBRANE
 <p>840001</p>	 <p>840009</p>	 <p>840020</p>

# KEOFITT MICRO PORT - PARTS & ACCESSORIES

## MICRO PORT PARTS & ACCESSORIES

O-RINGS



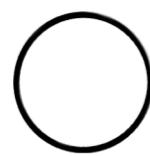
900822  
EPDM 9.3X2.4



900824  
EPDM 14X4



900825  
EPDM 44.6X2.4



400208  
EPDM 60X3

SEPTUM



900049  
BUTYL

MISC.



840055  
FILM MULTI



840118  
TOOL MULTI



900054  
NEEDLE



900055  
WICK



900077  
CHAIN



600065  
CHAIN FOR MULTI MICRO PORT



900075  
CLAMP RING 1/2"



900086  
CLAMP RING 1"



900074  
GASKET EPDM 3/4



900087  
GASKET EPDM 1/2"



900091  
GASKET EPDM 1"



900093  
GASKET 3" CLAMP EPDM



840102  
INNER PLATE FOR MICRO PORT

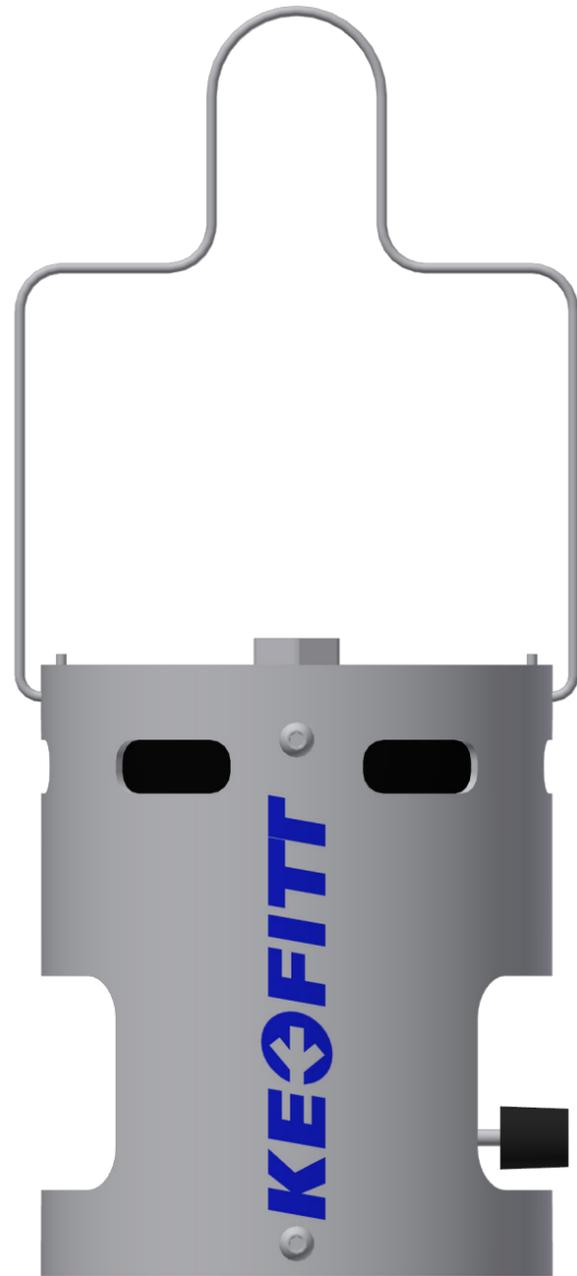


900102  
INSERT FOR MICRO PORT



900441  
PLUG

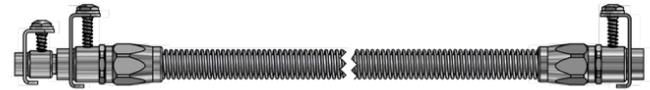
# KEOFITT STEAM BOILER



550000  
STEAM BOILER



550002  
PTFE TUIING W/QC 0.5M



550003  
PTFE TUIING W/QC 1.0M



800830  
O-RING SILCONE 10.3X2.4



150830  
O-RING SILICONE 16X3



900031  
HP W9/MALE THREAD M12



550242  
BURNER STAND

# KEOFITT CARLSBERG FLASK



200001  
CARLSBERG FLASK



900074  
GASKET CLAMP 3/4" EPDM



550002  
PTFE TUBING W/QC 0.5M



550057  
KÄRCHER/KEOFITT ADAPTOR



550003  
PTFE TUBING W/QC 1.0M



800830  
O-RING SILCONE 10.3X2.4



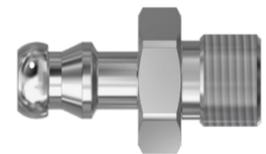
900049  
MEMBRANE BUTYL



900031  
HP W9/MALE THREAD M12



600051  
MEMBRANE SILICONE W9



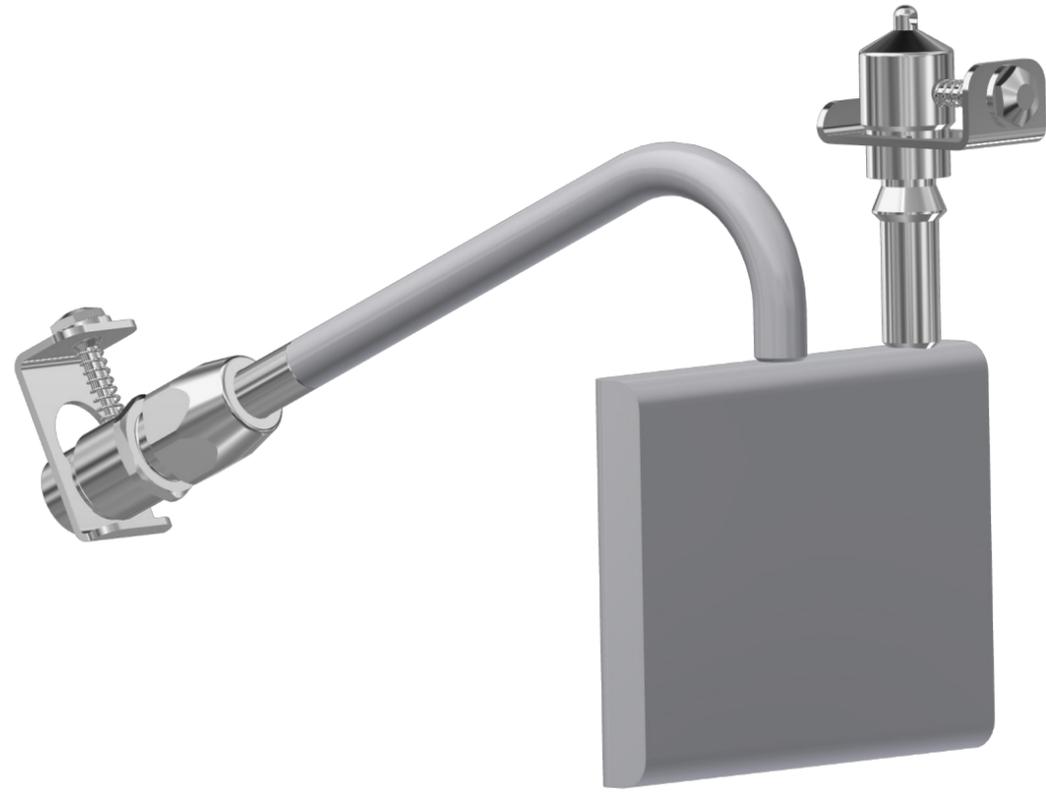
900037  
HP M4/MALE THREAD M12



200210  
FILTER FOR CARLSBERG FLASK

## KEOFITT CLIP-ON STEAMER

CLIP-ON STEAMER



550009  
CLIP-ON STEAMER

## KEOFITT CIP RECIRCULATOR

CIP RECIRCULATOR



550010  
CIP-RECIRCULATOR

