Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

part of heleon group

KEOFITT®

PRODUCT CATALOG

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Denmark

Phone +45 6316 7080
www.keofitt.dk
www.samplingschool.com

Contact us: www.giillain.com - E: advice@gillain.com - T: +0032 (0)3 870 60 80

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DEAR CUSTOMER,

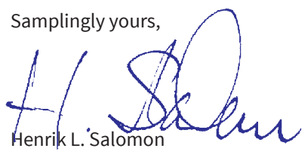
We hope you will find this 2021 KEOFITT Product Catalog helpful identifying the right KEOFITT product for your sampling application.

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 or by contacting your local KEOFITT distributor.

Samplingly yours,



Henrik L. Salomon

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KEOFITT SESAME

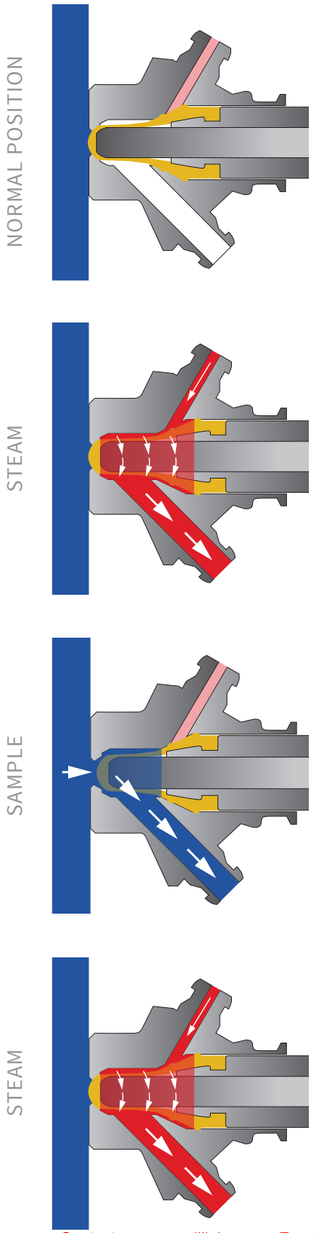
Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT SESAME is the only steam-sterilizable sampling valve in the world to completely eliminate the usually unavoidable dead-space involved with the steam-inlet connection.

This gives you:

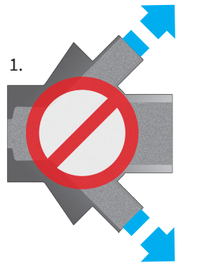
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head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



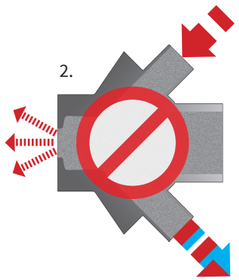
HOW IT WORKS



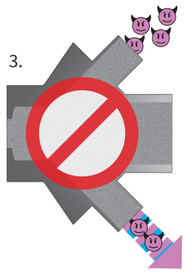
ADVANTAGES



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.

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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

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KEOFITT SESAME VALVE - BODIES

SESAME 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	On request	On request	 890013	 890039
THREAD M16X1,5	On request	On request	On request	On request	On request	On request
1/2" WELDING ENDS	 890007	 890019	On request	On request	On request	On request

	CONNECTION BODIES				INGOLD	
	CLAMP 1" & 1½"	CLAMP 2"	THREAD	UNION DIN 11851	INGOLD 40 MM PORT LENGTH	INGOLD 50 MM PORT LENGTH
HOSE PIECE	 NA-CONNECT ASME/DIN 890021	 890003	On request	 890040	On request	On request
1/2" TRI-CLAMP	 NA-CONNECT ASME/DIN 890022	 890005	On request	On request	 893105	 893205
THREAD M16X1,5	On request	On request	On request	On request	On request	On request
1/2" WELDING ENDS	On request	On request	On request	On request	On request	On request

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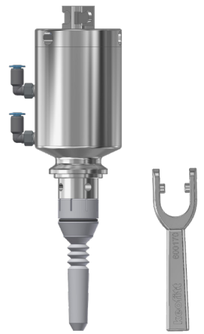
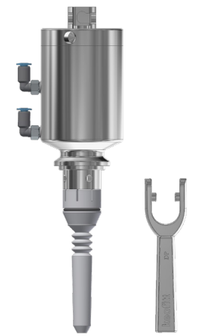
KEOFITT SESAME VALVE - HEADS

SESAME 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

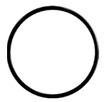
SESAME INGOLD HEADS

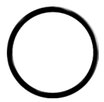
	TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
INGOLD I40 PTFE	 893141PTFE	 893143PTFE	 893144PTFE
INGOLD I52 PTFE	 893241PTFE	 893243PTFE	 893244PTFE

KEOFITT SESAME - PARTS & ACCESSORIES

SESAME PARTS & ACCESSORIES

O-RINGS


400208
EPDM 60X3


400308
EPDM 42X3

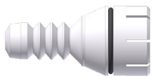

880830
EPDM 20.35X1.78


550184
FESTO

MEMBRANES


890051
SILICONE

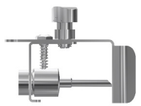

890052
EPDM


890055
PTFE

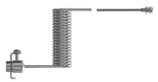

895531
PTFE (I40)


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 O.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 ½”

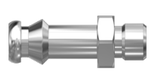

900086
CLAMP RING 1”


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 O.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 ½”

900091
GASKET EPDM 1”

900092
GASKET EPDM 2”

900074
GASKET EPDM 3/4”

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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:

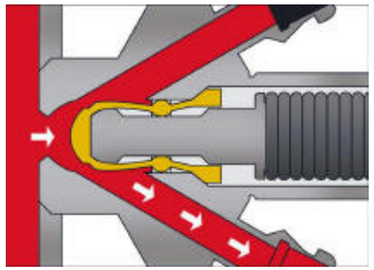
- W9 (ID 9 MM)
- "INGOLD" (ID 9 MM)
- 4KAI (ID 5 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



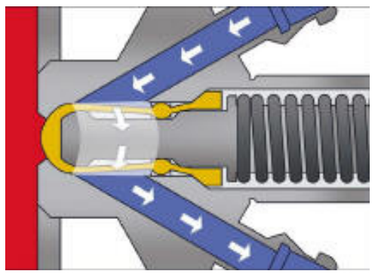
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HOW IT WORKS

SAMPLING



STERILIZATION



KEOFITT CLASSIC W9 SAMPLING VALVE

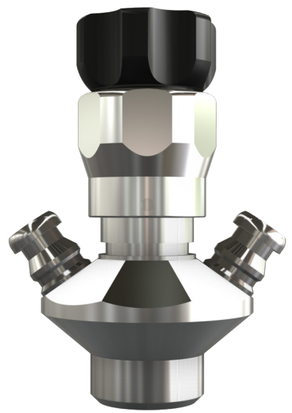
The KEOFITT CLASSIC W9 Sampling Valve is considered the father of all steam-sterilizable sampling valves. Refined through 40 years of experience it remains KEOFITT's most popular sampling valve. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 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.

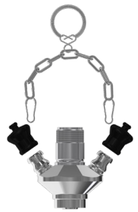
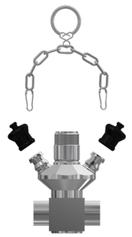
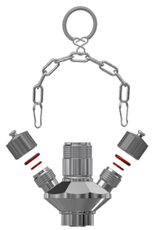
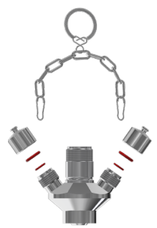
Accessories include quick couplings for the connection of tubing, piping and more.



KEOFITT CLASSIC W9 SAMPLING VALVE - BODIES

W9 BODIES

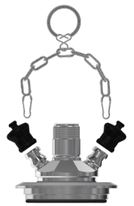
WELDING BODIES

	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	On request	On request	On request
THREAD M16X1,5	 850015	 850016	 850018	On request	On request
1/2” WELDING ENDS	 850007	 850019	On request	On request	On request

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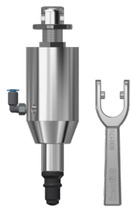
CONNECTION BODIES

	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1” & 1½”	CLAMP 2”	CLAMP 3”	THREAD M28X1,5
HOSE PIECE	 850008	 850009	 850036	 850021	 850003	 850004	 M28X1.5 850031  DIN 11851 DN 10 850040
1/2” TRI-CLAMP	 850020	 850013	 850039	 850022  850025	 850005  850026	On request	
THREAD M16X1,5	On request	On request	On request	 850024	On request	On request	 850037 M28X1.5
1/2” WELDING ENDS	On request	On request	On request	On request	On request	On request	

KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS

W9 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
SILICONE	 600041	 600048	 600042	 600049
EPDM	 600041E	 600048E	 600042E	 600049E
FFKM	 600041F	*Not available*	 600042F	*Not available*
PTFE	 855541	*Not available*	 855542	*Not available*

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

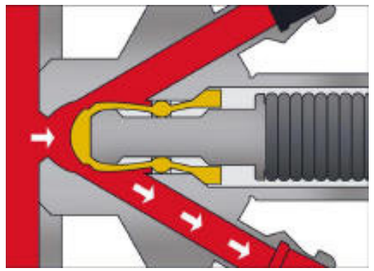
W9™ PARTS & ACCESSORIES

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”

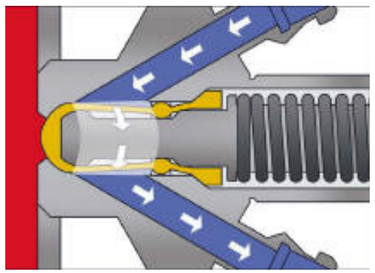
800830E EPDM 10.3X2.4	800859 SILICONE 7.5X2.5	900829 EPDM 21X4				
800077 EMERGENCY TOOL						
800061 QC PLUG	800082 QC HOSE BARB 3/8	800083 QC TC	800086 QC W9 WITH M4 HP	900045 QC SYRINGE INJECTION	800171 QC PTFE M16X1.5	800085 QC W9 LUER LOCK ADAPTER
900097 ADAPTER M4 HP/TC		550002 PTFE QC O.5M	550003 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 O.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

SAMPLING



STERILIZATION



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

INGOLD BODIES

	STANDARD FOR 40 MM PORT LENGTH*	
HOSE PIECE	*On request*	*On request*
MINI TRI-CLAMP	 310002	 310005
WELDING LINER	*On request*	*On request*

* OTHER PORT LENGTH - AVAILABLE ON REQUEST

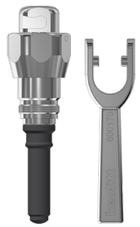
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STANDARD FOR 52 MM PORT LENGTH*	
On request	*On request*
 320002	 320005
On request	 320007

* OTHER PORT LENGTH - AVAILABLE ON REQUEST

KEOFITT CLASSIC “INGOLD” SAMPLING VALVE - HEADS

INGOLD HEADS

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

Contact us: www.giillain.com - E: advice@gillain.com - T: +0032 (0)3 870 60 80

	TYPE N LEVER HANDLE PNEUMATIC 0-10 BAR(G)		TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR
SILICONE	 310044	 320044	*On request*
EPDM	 310044E	 320044E	*On request*
PTFE	 315544	 325544	*On request*

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KEOFITT CLASSIC “INGOLD” - PARTS & ACCESSORIES

W9™ INGOLD PARTS & ACCESSORIES

O-RINGS



300118
EPDM 20.24X2.62



300119
20.24X2.62 FDA



550184
FESTO

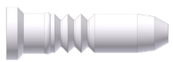
MEMBRANES



310051
SILICONE (I40)



310052
EPDM (I40)



310055
PTFE (I40)



320051
SILICONE (I52)



320052
EPDM (I52)



320055
PTFE (I52)

FOR MINI TRI-CLAMP



300021
CLAMP PTFE 10/8



550004
PTFE TC 0.5M



550005
PTFE TC 1.0M



800014
ADAPTER
MINI CLAMP /1” CLAMP



800083
QC TC



900013
MINI CLAMP SPIKE



900096
ADAPTER HP/TC



900097
ADAPTOR M4 HP/TC

FOR VALVE HEADS



300255
TOOL PTFE (I40/I52)



600149
BUSHING



600170
LEVER HANDLE Q/N



600370
LEVER HANDLE
SELF-CLOSING



900074
GASKET EPDM 3/4”



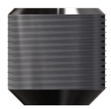
900087
GASKET EPDM 1/2”

550002.2
PTFE TUBING W/QC/TC
0.5M

550003.2
PTFE TUBING W/QC/TC
1 M



900018
TOMMY BAR



850840
PINOL SCREW F/W9 HEAD

MISC.



320530
ADAPTOR 30MM (I52)



320540
ADAPTOR 40 MM (I52)



320830
ADAPTOR PTFE 50MM (I52)



900075
CLAMP RING
1/2”



900021
BLIND CAP FOR
MINI CLAMP



700108
HOSE PIECE W9



400166
PROXIMITY SWITCH FOR
M4/W9



600266
PROXIMITY SENSOR W9 -
CLOSED POS.

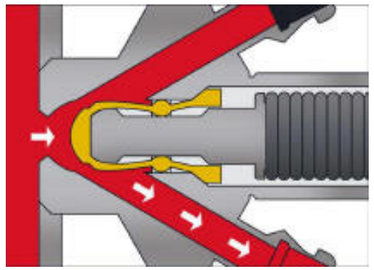


600267
PROXIMITY SENSOR
MOUNTING KIT W9

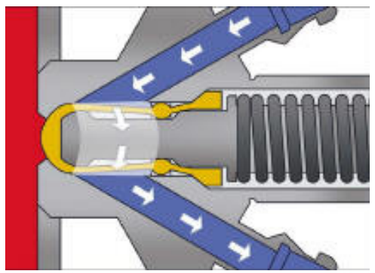
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HOW IT WORKS

SAMPLING



STERILIZATION



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

4KAI BODIES

HOSE PIECE

WELDING BODIES

TANK WELDING Ø28	PIPE WELDING 1”	PIPE WELDING NW25
		
440001	440011	440014

CONNECTION BODIES

MINI CLAMP	CLAMP 1”& 1½”
	
440021	440022

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KEOFITT CLASSIC 4KAI SAMPLING VALVE - HEADS

4KAI HEADS

	TYPE H TURN KNOB 0-10 BAR (G)
SILICONE	 440041
EPDM	 440041E
PTFE	 445541

	TYPE N PNEUMATIC 0-10 BAR (G)
	 440044
	 440044E
	 445544

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KEOFITT CLASSIC 4KAI - PARTS & ACCESSORIES

4KAI™ PARTS & ACCESSORIES

O-RINGS


800830
10.3X2.4 SILIC


800830E
EPDM 10.3X2.4

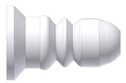

550184
FESTO


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”

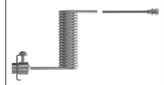

900091
GASKET EPDM 1”

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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

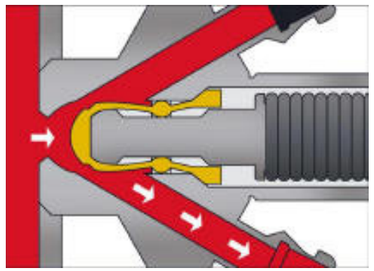

440149
BUSHING FOR 4KAI/
BASIX HEAD


800052
HOSE PIECE/
HOSE PIECE

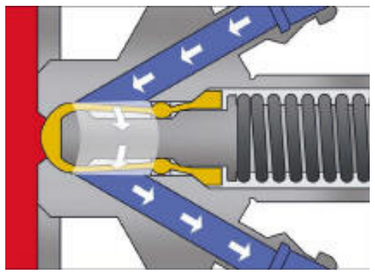
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HOW IT WORKS

SAMPLING



STERILIZATION



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

W15 BODIES

	WELDING BODIES	
	TANK WELDING	PIPE WELDING
3/4" TRI-CLAMP	 860001	 860011
3/4" WELDING ENDS	 860007	*On request*

	CONNECTION BODIES			
	VARIVENT Ø68	CLAMP 1"	CLAMP 2"	CLAMP 3"
3/4" TRI-CLAMP	 860009	 860004	 860002	 860003
3/4" WELDING ENDS	*On request*	*On request*	*On request*	

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KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS

W15 HEADS

	TYPE H TURN KNOB 0-10 BAR (G)	TYPE B NO SPRING 0-12 BAR (G)
PTFE	 865541	 865547

TYPE N PNEUMATIC 0-10 BAR (G)
 865544

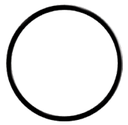
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KEOFITT CLASSIC W15 - PARTS & ACCESSORIES

W15™ PARTS & ACCESSORIES

O-RINGS

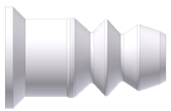


400208
EPDM 60X3



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”



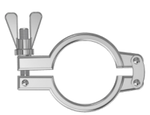
900013
MINI CLAMP SPIKE



900096
ADAPTER HP/TC



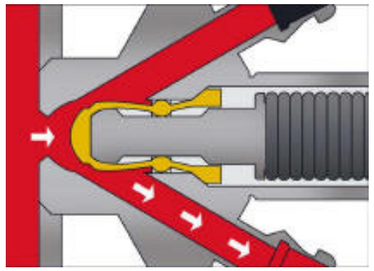
900093
GASKET EPDM 3”



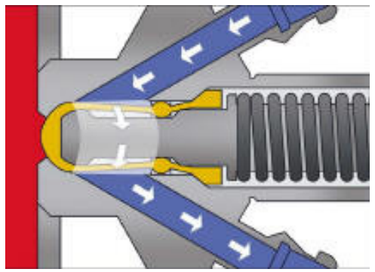
900186
2” CLAMP RING

HOW IT WORKS

SAMPLING



STERILIZATION



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.

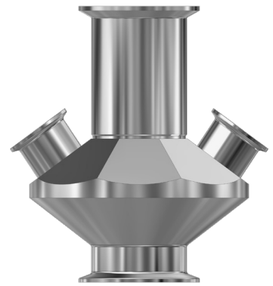


KEOFITT CLASSIC W25 SAMPLING VALVE - BODIES

W25 BODIES

	WELDING BODIES	
	TANK WELDING	PIPE WELDING
1" CLAMP	 870001	On request
VELDING LINER	On request	On request

Contact us: www.giillain.com - E: advice@gillain.com - T: +0032 (0)3 870 60 80

	CONNECTION BODIES	
	VARIVENT Ø68	CLAMP 3"
1" CLAMP	 870009	 870003
VELDING LINER	On request	On request

KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

W25 HEADS

PTFE

TYPE N
LEVER HANDLE
PNEUMATIC



875544

TYPE B
NO SPRING
0-12 BAR



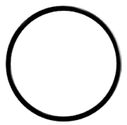
875547

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KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

W25™ PARTS & ACCESSORIES

O-RINGS

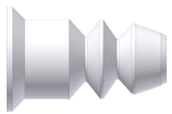


400208
EPDM 60X3



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”

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900187
CLAMP RING FOR W25 VALVE

Contact us: www.giillain.com - E: advice@gillain.com - T: +0032 (0)3 870 60 80

Contact us: www.giillain.com - E: advice@gillain.com - T: +0032 (0)3 870 60 80

KEOFITT SINGLE-PORT

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

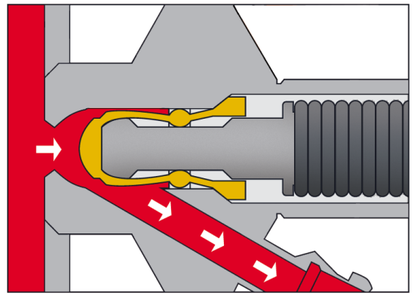
This valve is CIP-able with process CIP and still true to the Keofitt concept, as it is available with various process connections with manual or pneumatic operation.

SINGLE-PORT

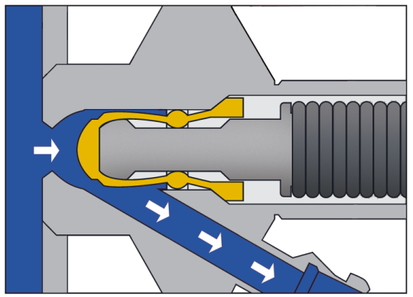


HOW IT WORKS

SAMPLING



STERILIZATION



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

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CONNECTION BODIES

VARIVENT Ø50



850008-1

VARIVENT Ø68



850009-1

MINI CLAMP



850036-1

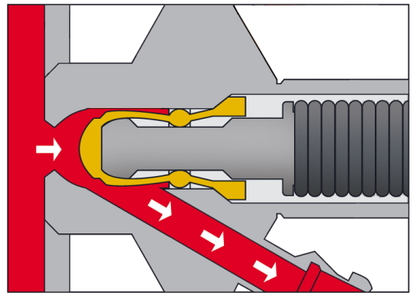
CLAMP 1” & 1½”



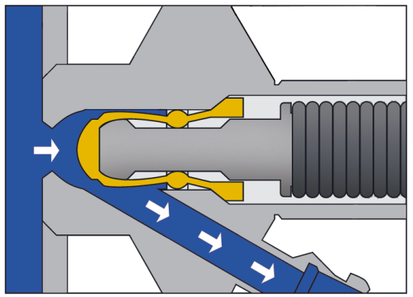
850021-1

HOW IT WORKS

CIP



SAMPLE



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

KEOFITT BASIX™

		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 - PARTS & ACCESSORIES

BASIX™ PARTS & ACCESSORIES

O-RING



600825
SILICONE 7.1X1.6



550184
FESTO

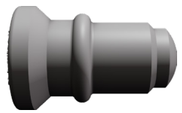


800830
SILICONE 10.3X2.4



830830E
EPDM 10.3X2.4

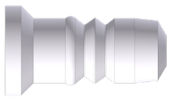
MEMBRANE



400051
SILICONE



400052
EPDM

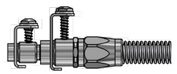


400055
PTFE

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

MISC.



600170
LEVER HANDLE Q/N



600370
LEVER HANDLE
SELF-CLOSING



800052
HOSE PIECE/HOSE
PIECE W9

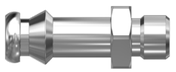


400255
TOOL FOR MEMBRANE
(PTFE)



900091
GASKET EPDM 1”

900018
TOMMY BAR



900031
HP W9/MALE THREAD M12



900047
TUBE PTFE 10/8MM

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800086
QC W9 WITH M4 HP



800061
QC PLUG



800070
QC STEEL PIPE



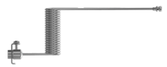
800091
QC PTFE



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

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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.

ASEPTIC



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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.



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KEOFITT STERILE SAMPLING BAGS

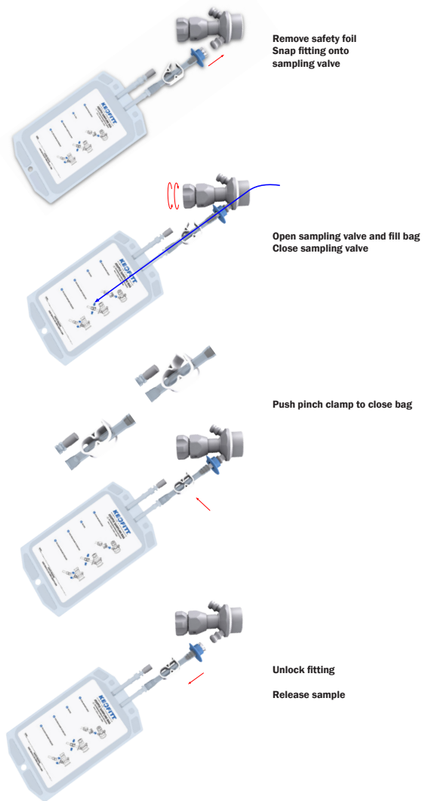
The Keofitt Sterile Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. The sterile condition and the closed fluid path enables the user to extract liquid samples from the process line greatly reducing the risk of contaminating the sample from airborne contaminants in the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



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KEOFITT SAMPLING BAGS

	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*

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*ON REQUEST ONLY!

KEOFITT ASEPTIC SAMPLING BAGS

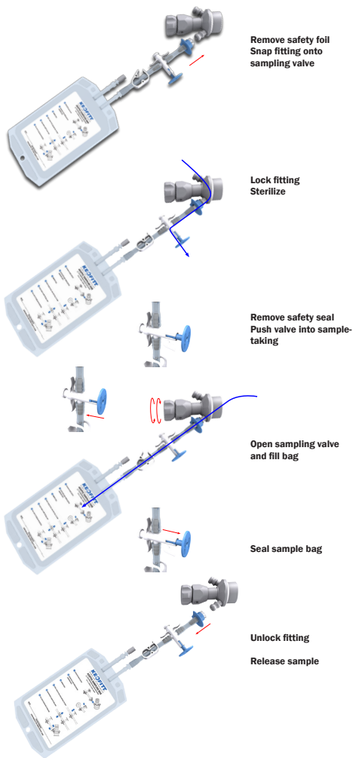
The Keofitt Aseptic Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. Contrary to the Sterile Sampling Bag the Aseptic Bag is equipped with a 3-way valve allowing to steam sterilize the bag system before sampling. The sterile condition and this possibility to steam the 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.

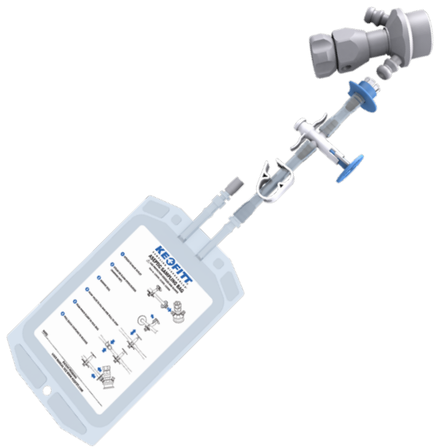
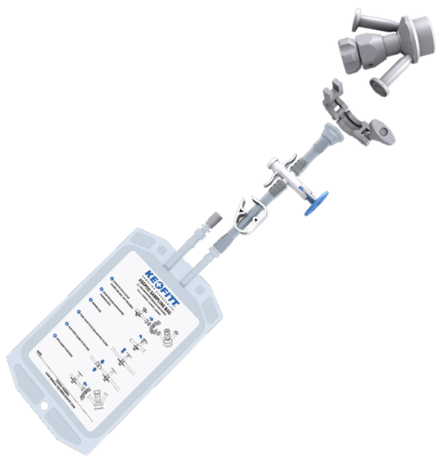
The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air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



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KEOFITT SAMPLING BAGS

	ASEPTIC SAMPLING BAGS		
		SIZE	ART. NO.
HOSE PIECE		50 ML	120050*
		250 ML	120250
		500 ML	120500
		1000 ML	121000
		2000 ML	122000
MINI TRI-CLAMP		50 ML	120050TC*
		250 ML	120250TC
		500 ML	120500TC
		1000 ML	121000TC
		2000 ML	122000TC

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*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

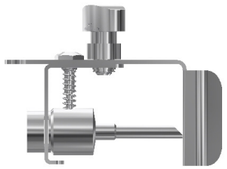
	SPIKE BAGS		
		SIZE	ART. NO.
		1000 ML	131000PP

*ON REQUEST ONLY!

KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

SAMPLING BAGS PARTS & ACCESSORIES

FOR HOSE PIECE



800013
QC SPIKE (W9)



400830
SILICONE 5.3X2.4

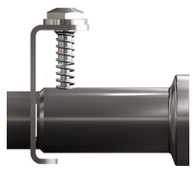
FOR MINI CLAMP



900013
MINI CLAMP SPIKE



800014
ADAPTOR TC/1”



800083
QC W9/TC



900096
ADAPTOR W9/W15 HP/TC

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800830
SILICONE 10.3X2.4



900075
CLAMP RING ½"

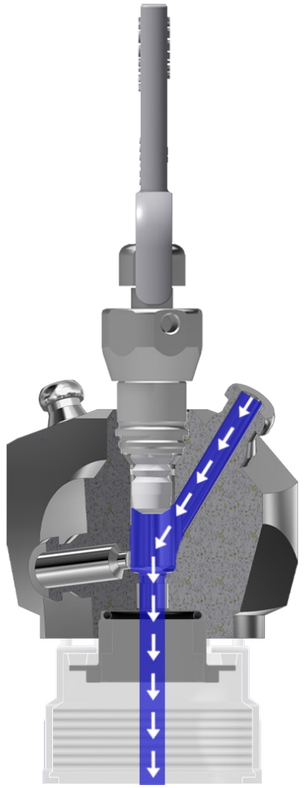


900087
GASKET EPDM ½"

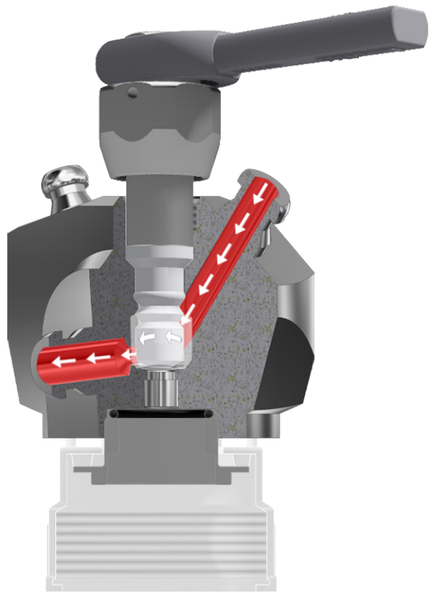


900074
GASKET EPDM¾"

SAMPLING



STERILIZATION



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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.

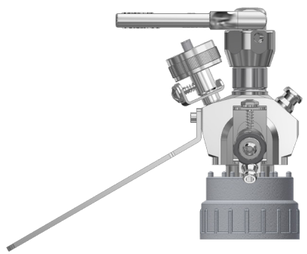
The KEOFITT Aseptic System is based on KEOFITT's guarantied high quality, microbiologically safe valve design. It shall be used with PP sampling bottles (# 260325 / 260525 / 260625 / 260725 / 260825), which are autoclavable, robust and translucent.

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KEOFITT SAMPLING BOTTLE SYSTEMS

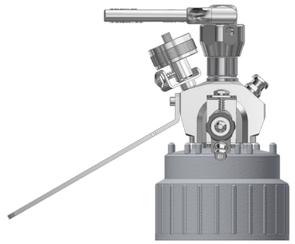
SAMPLING BOTTLE SYSTEMS

ASEPTIC SAMPLING SYSTEM
for bottle sizes 250-2000 ml



260005

ASEPTIC SAMPLING SYSTEM
for bottle sizes 4000/5000 ml



260006

SAMPLING BOTTLE HEAD W9



260030

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SAMPLING BOTTLE HEAD W15



860030

SAMPLING BOTTLE HEAD W25



870030

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KEOFITT SAMPLING BOTTLES - PARTS & ACCESSORIES

SAMPLING BOTTLES PARTS & ACCESSORIES

BOTTLES



260325
PP BOTTLE 250 ML



260525
PP BOTTLE 1000 ML



260625
PP BOTTLE 2000 ML



260725
PP BOTTLE 4000 ML



260825
PP BOTTLE 5000 ML

TUBINGS



550002
PTFE QC O.5M



550002.2
PTFE QC/TC 0.5M



550003
PTFE QC 1.0M



550003.2
PTFE QC/TC 1M



550004
PTFE TC 0.5M



550005
PTFE TC 1.0

MISC.



260327
GASKET PP
250-2000 ML



260427
GASKET PP
4000/5000 ML



260326
LID PP BOTTLE
W/HOLE 250-2000 ML



260328
LID PP BOTTLE
250-2000 ML



260426
LID PP BOTTLE
W/HOLE 4000/5000 ML



260428
LID PP BOTTLE
4000/5000 ML



900091
GASKET EPDM 1”



900074
GASKET EPDM 3/4”



900086
CLAMP RING 1”



900075
CLAMP RING 1/2”



260122
STERILE FILTER FOR
ASEPTIC SYSTEM



260081
QC F/FILTER
ASEPTIC SYSTEM



900021
BLIND CAP MINI CLAMP



900076
BLIND CAP 1” CLAMP



800053
QC/QC W9



900096
ADAPTER HP/TC



900097
ADAPTER HP/TC



800014
ADAPTER TC/1”



800061
QC W9 ST. ST. PLUG



260158
O-RING EPDM 21.89X2.62



260159
O-RING EPDM 24.6X2.4

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KEOFITT VARIOUS

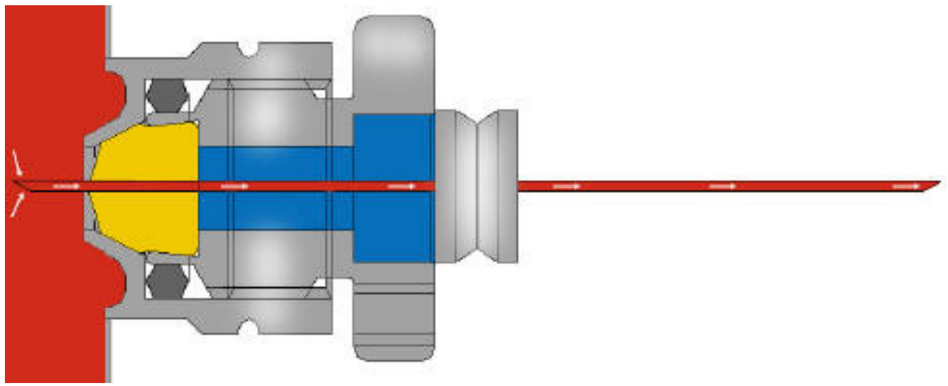
Being the world market's only true specialist KEOFITT has developed the widest and deepest product range available for sampling of liquids in all industries.

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.

VARIOUS

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
 900056	 900057	 900014
MINI CLAMP	CLAMP 1” & 1½”	VARIVENT
 900059	 900058	*On request*

MULTI MICRO PORT 49

TANK WELDING 7XBUTYL MEMBRANE	VARIVENT Ø68 7XBUTYL MEMBRANE	CLAMP 3” 7XBUTYL MEMBRANE
 840001	 840009	 840020

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KEOFITT MICRO PORT - PARTS & ACCESSORIES

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MICRO PORT PARTS & ACCESSORIES

O-RINGS



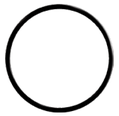
900822
EPDM 9.3X2.4



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 ½”



900091
GASKET EPDM 1”



900093
GASKET 3” CLAMP EPDM



840102
INNER PLATE FOR MICRO PORT



900102
INSERT FOR MICRO PORT

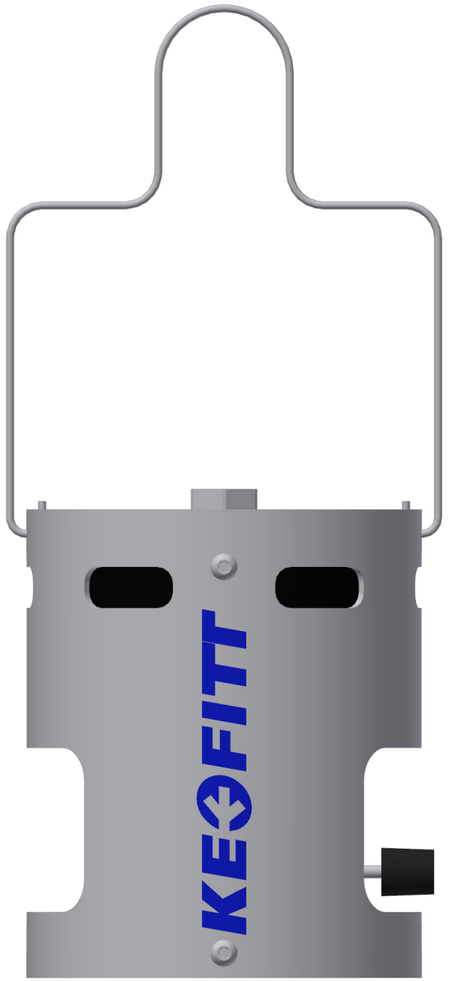


900441
PLUG

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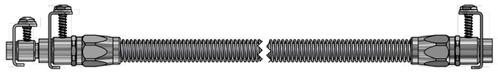
KEOFITT STEAM BOILER



550000
STEAM BOILER



550002
PTFE TUING W/QC 0.5M



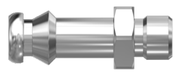
550003
PTFE TUING W/QC 1.0M



800830
O-RING SILCONE 10.3X2.4



150830
O-RING SILICONE 16X3

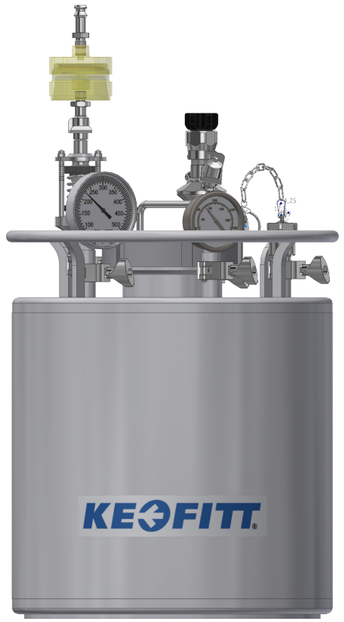


900031
HP W9/MALE THREAD M12



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



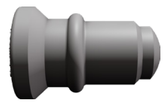
800830
O-RING SILICONE 10.3X2.4



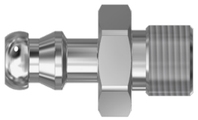
900049
MEMBRANE BUTYL



900031
HP W9/MALE THREAD M12



600051
MEMBRANE SILICONE W9



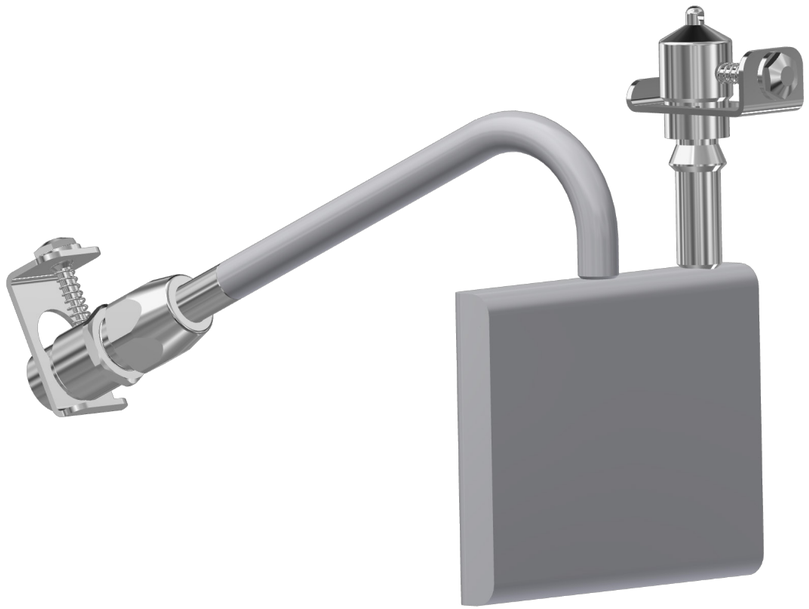
900037
HP M4/MALE THREAD M12



200210
FILTER FOR CARLSBERG FLASK

KEOFITT CLIP-ON STEAMER

CLIP-ON STEAMER



550009
CLIP-ON STEAMER

KEOFITT CIP RECIRCULATOR

CIP RECIRCULATOR



550010
CIP-RECIRCULATOR

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