

# KEOFITT PRODUCT CATALOG

## 2017



**KEOFITT**<sup>®</sup>  
WORLD LEADERS IN STERILE SAMPLING™



Dear Customer,

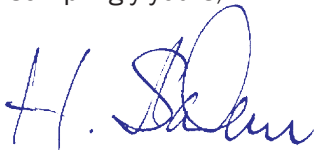
We hope you will find this 2017 KEOFITT PRODUCT CATALOG helpful identifying the right KEOFITT product for your sampling application.

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.

This year’s big news is the standard inside electro-polish of all our sampling valves, optimizing cleaning and sterilization efficiency. Just one more example of what makes KEOFITT unique in the market and why copies fall short.

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

Samplingly yours,

A handwritten signature in blue ink, appearing to read "H. Salomon". The signature is fluid and cursive, with a large initial "H" and a long, sweeping underline.

Henrik L. Salomon

# 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 five models/sizes:

- M4 (ID 4 MM)
- W9 (ID 9 MM)
- "INGOLD" (ID 9 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



## CLASSIC



# KEOFITT CLASSIC M4 SAMPLING VALVE

The KEOFITT CLASSIC M4 Sampling Valve is the smallest KEOFITT 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.

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 M4 SAMPLING VALVE - BODIES

|                        |            | WELDING BODIES   |  |  |   |   |
|------------------------|------------|--|--|--|---|---|
|                        |            | Tank Welding<br>Ø28  | Pipe Welding 1"  | Pipe Welding<br>NW25   | In-Line Vertical  | In-Line Horizontal  |
| <b>M 4 B O D I E S</b> | Hose Piece |  <p>400001</p> |  <p>400011</p> |  <p>400014</p> |  <p>400027*</p> |  <p>400028*</p> |

\* ON REQUEST ONLY!

**CONNECTION BODIES**

**Varivent Ø50**

**Varivent Ø68**

**Clamp ½"**

**Clamp 1"**

**Thread  
M28x1,5**



400010



400009



400021






400022



400031



# KEOFITT CLASSIC M4 SAMPLING VALVE - HEADS

|                      |                 | Type H<br>Turn knob<br>0-6 bar (g)  | Type K<br>Key ring<br>0-6 bar (g)   | Type Q<br>Lever handle<br>0-6 bar (g)   |
|----------------------|-----------------|---|---|---|
| <b>M 4 H E A D S</b> | <b>Silicone</b> | <br>400041   | <br>400042  | <br>400043   |
|                      | <b>EPDM</b>     | <br>400041E | <br>400042E | <br>400043E |
|                      | <b>PTFE</b>     | <br>405541 | <br>405542 | <br>405543 |

**Type N  
Pneumatic  
0-6 bar (g)**



400044

**Type N  
Pneumatic, Adjustable  
0-6 bar (g)**



400045

**Type B  
No spring  
0-12 bar (g)**



400047



400044E



400045E



400047E



405544











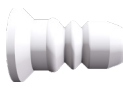


















405545




















405547



# KEOFITT CLASSIC M4 - PARTS & ACCESSORIES

|                                     |                        |  |   |   |  |  |  |
|-------------------------------------|------------------------|--|---|---|--|--|--|
| <b>M 4™ PARTS &amp; ACCESSORIES</b> | <b>O-Ring</b>          | <br>400208<br>O-RING 68 FDA | <br>400308<br>EPDM 42X3 FDA    | <br>400820<br>EPDM 15.6X2.4 FDA  | <br>400830<br>SILIC. 5.3X2.4 FDA | <br>400830E<br>5.3X2.4 EPDM           | <br>550184<br>O-RING FESTO          |
|                                     | <b>Membrane</b>        | <br>400051<br>M4 SILICONE   | <br>400052<br>M4 EPDM          | <br>400055<br>M4 PTFE            |  |  |  |
|                                     | <b>For hose piece</b>  | <br>400013<br>QC SPIKE M4  | <br>400058<br>COIL M4          | <br>400061<br>QC PLUG M4        | <br>400062<br>RUBBER CAP M4      | <br>400070<br>QC M4 PIPE             | <br>400091<br>QC M4 PTFE            |
|                                     | <b>For valve heads</b> | <br>400076<br>KEY RING M4 | <br>400149<br>BUSHING M4     | <br>400166<br>PROXIMITY SENSOR | <br>400167<br>MOUNTING KIT     | <br>400255<br>TOOL PTFE M4          | <br>600170<br>Q HANDLE            |
|                                     | <b>Misc.</b>           | <br>400064<br>CHAIN M4    | <br>400067<br>HOSE P 10/8 M4 | <br>900008<br>SOCKET ALU       | <br>900048<br>PTFE 8/6         | <br>900075<br>CLAMP 1/2" | <br>900086<br>CLAMP 1" |

|   |   |   |  |   |  |  |
|---|---|---|--|---|--|--|
|  <p>600825<br/>SILIC. 7.1X1.6 FDA</p>        |  <p>800859<br/>7.5X2.5 SILIC</p> |  <p>900074<br/>GASKET 3/4"</p>   |  <p>900087<br/>GASKET 1/2"</p>    |  <p>900091<br/>GASKET 1"</p>     |  <p>900820<br/>5.1X1.6 SILICONE</p> |  <p>900829<br/>21X4 EPDM</p>        |
|   |   |   |  |   |  |  |
|  <p>400083<br/>QC M4 MINI TC</p>            |  <p>400084<br/>QC M4 ID 4MM</p> |  <p>400085<br/>QC M4 ID 5MM</p> |  <p>400086<br/>QC M4 W9 H.P.</p> |  <p>550002<br/>PTFE W/QC 0.5M</p> |  <p>550003<br/>PTFE W/QC 1.0M</p>   |  <p>550057<br/>ADAPTOR KÄRCHER</p> |
|  <p>600370<br/>SELF-CLOSING<br/>HANDLE</p> |  <p>900018<br/>TOMMY BAR</p>   |   |  |   |  |  |
|  <p>900097<br/>ADAPTER M4/TC</p>           |   |   |  |   |  |  |





# KEOFITT CLASSIC W9 SAMPLING VALVE

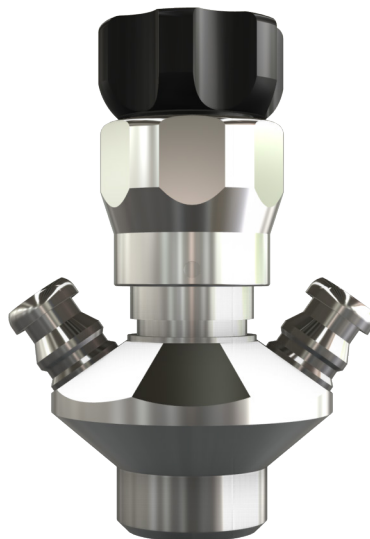
The KEOFITT CLASSIC W9 Sampling Valve is considered the father of all steam-sterilizable sampling valves. Refined through 40 years of experience it remains KEOFITT's most popular sampling valve. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 3 mm in diameter, it covers most needs for liquid sampling.

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<br>Ø28   | Pipe Welding 1"   | Pipe Welding NW25   | In-Line Vertical   | In-Line Horizontal   |
| Hose Piece     | <br>850001   | <br>850011   | <br>850014   | <br>850027* | <br>850028* |
| Mini Tri-Clamp | <br>850006   | <br>850010   | <i>On request</i>   | <i>On request</i>  | <i>On request</i>  |
| Thread M16x1,5 | <br>850015 | <br>850016 | <br>850018 | <i>On request</i>  | <i>On request</i>  |
| Welding Ends   | <br>850007 | <br>850019 | <i>On request</i>   | <i>On request</i>  | <i>On request</i>  |

\* ON REQUEST ONLY!

### CONNECTION BODIES

| Varivent Ø50  | Varivent Ø68  | Clamp ½"  | Clamp 1"  | Clamp 2"  | Tread  |
|---|---|---|---|---|--|
| <br>850008 | <br>850009 | <br>850036 | <br>850021  | <br>850003   | <br>850031<br><br><br><b>DIN 11851</b><br>850040 |
| <br>850020 | <br>850013 | <br>850039 | <br>850022<br><br><br>850025 | <br>850005<br><br><br>850026 | <i>On request</i>  |
| <i>On request</i>   | <i>On request</i>   | <i>On request</i>   | <br>850024  | <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>  |



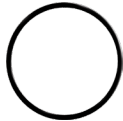









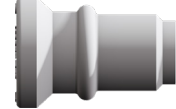
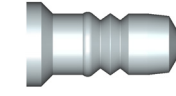

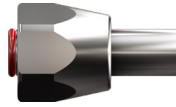



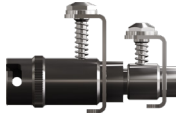

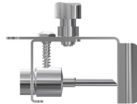


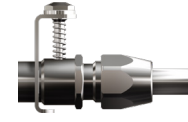














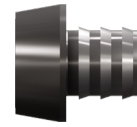









# KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS











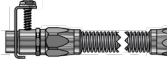
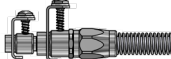


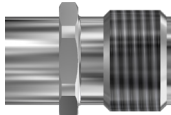



|                  |                 | Type H<br>Turn knob  | Type H<br>Turn knob with Microport<br>option   | Type K<br>Key ring   | Type K<br>Key ring with<br>Microport option  |
|------------------|-----------------|--|--|--|--|
| <b>W 9 HEADS</b> | <b>Silicone</b> | <br>600041    | <br>600048  | <br>600042    | <br>600049  |
|                  | <b>EPDM</b>     | <br>600041E   | <br>600048E | <br>600042E   | <br>600049E |
|                  | <b>FFKM</b>     | <br>600041F | <i>Not available</i>   | <br>600042F | <i>Not available</i>   |
|                  | <b>PTFE</b>     | <br>855541  | <i>Not available</i>   | <br>855542  | <i>Not available</i>   |

| <b>Type Q</b><br><b>Lever handle</b>   | <b>Type N</b><br><b>Pneumatic</b><br><b>0-6 bar</b>  | <b>Type N</b><br><b>Pneumatic, Adjustable</b><br><b>0-6 bar</b>                                     | <b>Type B</b><br><b>No spring</b><br><b>0-12 bar(g)</b>  |
|--|--|---|--|
|  <p>600043</p>    |  <p>600044</p>    |  <p>600045</p>    |  <p>600047</p>    |
|  <p>600043E</p>   |  <p>600044E</p>  |  <p>600045E</p>  |  <p>600047E</p>   |
|  <p>600043F</p> |  <p>600044F</p> |  <p>600045F</p> |  <p>600047F</p> |
|  <p>855543</p>  |  <p>855544</p>  |  <p>855545</p>  |  <p>855547</p>  |



# KEOFITT CLASSIC W9 - PARTS & ACCESSORIES

| W9™ PARTS & ACCESSORIES | O-Rings            | <br>400208<br>O-RING 68 FDA     | <br>400308<br>EPDM 42X3 FDA    | <br>550184<br>O-RING FESTO      | <br>600825<br>SILIC. 7.1X1.6 FDA | <br>600825E<br>7.1X1.6 EPDM         | <br>800830<br>10.3X2.4 SILIC    |
|-------------------------|--------------------|--|---|--|--|--|--|
|                         | Membranes          | <br>600051<br>W9 SILICONE       | <br>600052<br>W9 EPDM          | <br>600251<br>SILICONE W9 MP    | <br>600252<br>EPDM W9 MP         | <br>600053<br>FFKM W9/SIMPLEX       | <br>850055<br>PTFE W9/SIMPLEX   |
|                         | For thread M16x1,5 | <br>700061<br>STEEL CAP W9      | <br>700070<br>TUBE FITTING WL  | <br>700071<br>TUBE FITTING PTFE | <br>700084<br>BARB 4MM           | <br>700085<br>BARB 8.5 X 6MM        |  |
|                         | For hose piece     | <br>550057<br>ADAPTOR KÄRCHER   | <br>600062<br>RUBBER CAP W9    | <br>800013<br>QC W9 SPIKE       | <br>800058<br>COIL W9            | <br>800061<br>QC W9 PLUG            | <br>800070<br>QC W9 WL          |
|                         | For mini tri-clamp | <br>300021<br>CLAMP/PTFE 10/8 | <br>550004<br>PTFE W/TC 0.5M | <br>550005<br>PTFE W/TC 1.0M  | <br>800014<br>ADAPTER TC/1"    | <br>900013<br>MINI CLAMP SPIKE    | <br>900096<br>ADAPTER W9/TC   |
|                         | For valve heads    | <br>600076<br>KEY RING W9     | <br>600149<br>BUSHING W9     | <br>600170<br>Q HANDLE        | <br>600255<br>TOOL PTFE W9     | <br>600370<br>SELF-CLOSING HANDLE | <br>900018<br>TOMMY BAR       |
|                         | Misc.              | <br>600064<br>CHAIN W9        | <br>600066<br>CHAIN W9       | <br>600073<br>FERRULES        | <br>400166<br>PROX SENSOR      | <br>600266<br>PROX SENSOR         | <br>600267<br>PROX SENSOR KIT |
|                         |                    | <br>900047<br>PTFE 10/8       | <br>900069<br>WICK W9 MP     | <br>900075<br>CLAMP 1/2"      | <br>900086<br>CLAMP 1"         | <br>900021<br>BLIND CAP           | <br>900045<br>ADAPTER W9/ISO  |

|  |  |  |   |   |   |
|--|--|--|---|---|---|
| <br>800830E<br>10.3X2.4 EPDM  | <br>800859<br>7.5X2.5 SILIC   | <br>900074<br>GASKET 3/4" | <br>900087<br>GASKET 1/2"   | <br>900091<br>GASKET 1"      | <br>900829<br>21X4 EPDM      |
|  |  |  |   |   |   |
|  |  |  |   |   |   |
| <br>800091<br>QC W9 PTFE      | <br>800082<br>QC W9 HOSE ID 7 | <br>800083<br>QC W9 TC    | <br>800086<br>QC W9 M4 HP   | <br>550002<br>PTFE W/QC 0.5M | <br>550003<br>PTFE W/QC 1.0M |
|  |  |  |   |   |   |
|  |  |  |   |   |   |
| <br>700108<br>HOSE PIECE W9 | <br>800052<br>HP/HP W9      | <br>800075<br>WL F/PTFE | <br>850840<br>PINOL SCREW | <br>900008<br>SOCKET ALU   | <br>900022<br>NEEDLE W9    |
|  |  |  |   |   |   |



# 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.

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 | <b>Hose Piece</b>     | <i>On request</i>  | <i>On request</i>  |
|               | <b>Mini Tri-Clamp</b> |  <p>310002</p> |  <p>310005</p> |
|               | <b>Welding Liner</b>  | <i>On request</i>  | <i>On request</i>  |

\* OTHER PORT LENGTH - PLEASE SPECIFY



**STANDARD FOR 52 MM PORT LENGTH\***

*On request*

*On request*



320002



320005

*On request*














320007

\* OTHER PORT LENGTH - PLEASE SPECIFY



# KEOFITT CLASSIC "INGOLD" SAMPLING VALVE - HEADS

|              |          | Type H<br>Turn knob<br>0-6 bar(g)   |   | Type Q<br>Lever handle<br>0-6 bar(g)   |   |
|--------------|----------|---|---|--|---|
|              |          |   |   |  |   |
| INGOLD HEADS | Silicone | <br>310041   | <br>320041   | <br>310043   | <br>320043   |
|              | EPDM     | <br>310041E | <br>320041E | <br>310043E | <br>320043E |
|              | PTFE     | <br>315541 | <br>325541 | <br>315543 | <br>325543 |

**Type N  
Lever handle  
Pneumatic 0-6 bar(g)**

**Type N  
Pneumatic, Adjustable  
0-6 bar**



310044



320044

*On request*



310044E



320044E

*On request*



315544






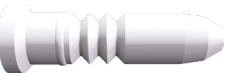

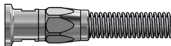









325544

*On request*



# KEOFITT CLASSIC "INGOLD" - PARTS & ACCESSORIES

|  |                           |   |   |  |
|--|---------------------------|---|---|--|
| <b>W 9™ INGOLD PARTS &amp; ACCESSORIES</b> | <b>O-Rings</b>            | <br>300118<br>EPDM 20.24X2.62    | <br>300119<br>20.24X2.62 FDA     | <br>550184<br>O-RING FESTO      |
|  | <b>Membranes</b>          | <br>310051<br>I40 SILICONE       | <br>310052<br>I40 EPDM          | <br>310055<br>I40 PTFE          |
|  | <b>For mini tri-clamp</b> | <br>300021<br>CLAMP/PTFE 10/8    | <br>550004<br>PTFE W/TC 0.5M    | <br>550005<br>PTFE W/TC 1.0M   |
|  | <b>For valve heads</b>    | <br>300255<br>TOOL PTFE INGOLD | <br>600149<br>BUSHING W9      | <br>600170<br>Q HANDLE        |
|  | <b>Misc.</b>              | <br>320530<br>ADAPT. 30 F/152  | <br>320540<br>ADAPT. 40 F/152 | <br>320830<br>ADAPT. 50 F/152 |



850820  
PISTON RING NBR



850821  
SCRAPER RING



900074  
GASKET 3/4"



900087  
GASKET 1/2"



320051  
I52 SILICONE



320052  
I52 EPDM



320055  
I52 PTFE



800014  
ADAPTER TC/1"



800083  
QC W9 TC



900013  
MINICLAMP SPIKE



900096  
ADAPTER W9/TC



600370  
SELF-CLOSING HANDLE



900018  
TOMMY BAR



900075  
CLAMP 1/2"



900021  
BLIND CAP



# 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.

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

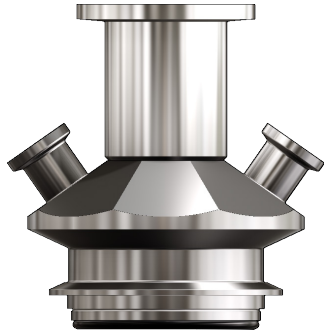
|             |                | WELDING BODIES  |   |
|-------------|----------------|---|---|
|             |                | Tank Welding  | Pipe Welding  |
| W 15 BODIES | Mini Tri-Clamp |  <p>860001</p>   |  <p>860011</p> |
|             | Welding Ends   |  <p>860007</p> | <i>On request</i>   |

**CONNECTION BODIES**

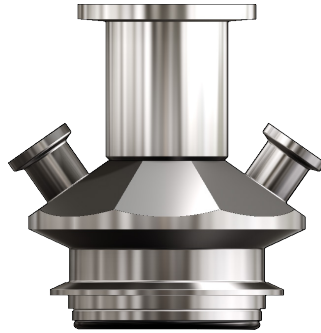
**Varivent Ø68**

**Clamp 2"**

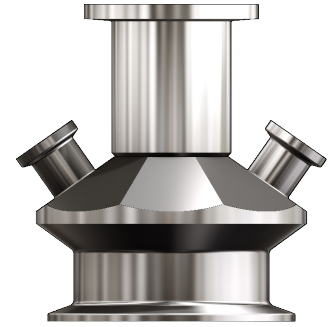
**Clamp 3"**



860009



860002



860003

*On request*

*On request*

*On request*





# KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS

W 1 5 H E A D S

PTFE

Type H  
Turn knob  
0-6 bar (g)



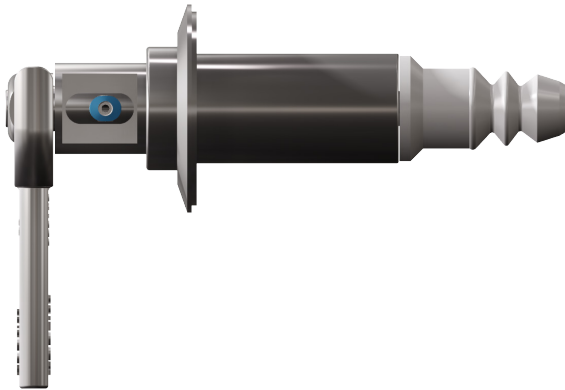
865541

Type B  
No spring  
0-12 bar (g)



865547

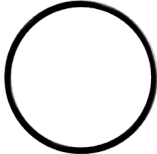


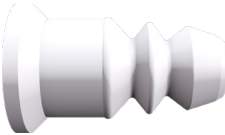

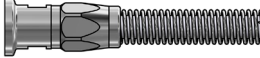
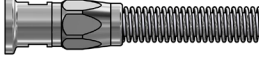





**Type N  
Pneumatic  
0-6 bar (g)**



865544



# KEOFITT CLASSIC W15 - PARTS & ACCESSORIES

|                                      |                           |   |  |   |
|--------------------------------------|---------------------------|---|--|---|
| <b>W 15™ PARTS &amp; ACCESSORIES</b> | <b>O-Rings</b>            |  <p>400208<br/>O-RING 68 FDA</p>   |  <p>550184<br/>O-RING FESTO</p>     |  <p>850821<br/>SCRAPER RING</p>    |
|                                      | <b>Membranes</b>          |  <p>860055<br/>PTFE W15</p>        |  |   |
|                                      | <b>For mini tri-clamp</b> |  <p>300021<br/>CLAMP/PTFE 10/8</p> |  <p>550004<br/>PTFE W/TC 0.5M</p> |  <p>550005<br/>PTFE W/TC 1.0M</p> |
|                                      | <b>For valve heads</b>    |  <p>600170<br/>Q HANDLE</p>      |  <p>600370<br/>Q HANDLE</p>      |  <p>860255<br/>TOOL PTFE W15</p> |
|                                      | <b>Misc.</b>              |  <p>850822<br/>SLIDE BEARING</p> |  <p>900075<br/>CLAMP 1/2"</p>     |   |



850824  
RING Ø30 X 22 X 3,25



900074  
GASKET 3/4"



800014  
ADAPTER TC/1"



900013  
MINICLAMP SPIKE



900096  
ADAPTER W9/TC



# 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.

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      |
| W 25 BODIES | 1" Clamp      |  <p>870001</p> | <i>On request</i> |
|             | Welding Liner | <i>On request</i>   | <i>On request</i> |

**CONNECTION BODIES**

**Varivent Ø68**

**Clamp**

*On request*

870009

*On request*

870003

*On request*

*On request*

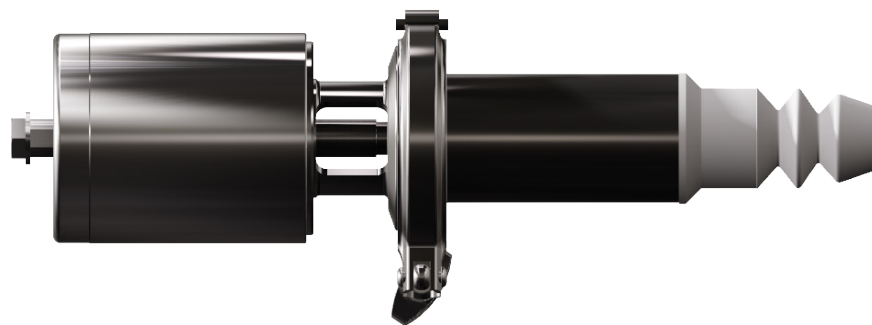


# KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

Type N  
Lever handle  
Pneumatic

W 2 5 H E A D S

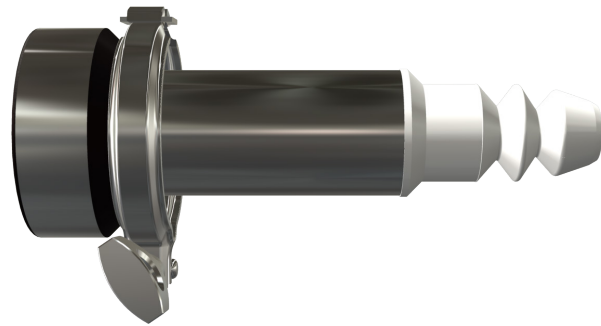
PTFE



875544



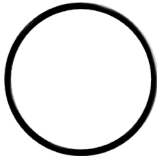


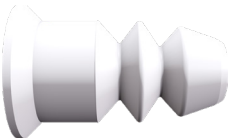


**Type B**  
**No spring**  
**0-12 bar**



875547



# KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

|                                      |                        |   |   |   |
|--------------------------------------|------------------------|---|---|---|
| <b>W 25™ PARTS &amp; ACCESSORIES</b> | <b>O-Rings</b>         |  <p>400208<br/>O-RING 68 FDA</p>   |  <p>800014<br/>ADAPTER TC/1"</p> |  <p>900091<br/>GASKET 1"</p> |
|                                      | <b>Membranes</b>       |  <p>870055<br/>PTFE W25</p>        |   |   |
|                                      | <b>For valve heads</b> |  <p>870255<br/>TOOL PTFE W25</p> |   |   |
|                                      | <b>Misc.</b>           |  <p>900086<br/>CLAMP 1"</p>      |   |   |

# KEOFITT SIMPLEX

Finally an upgrade from ordinary, non-hygienic sampling cocks, this valve is EHEDG certified to be CIP-able with process CIP.

True to the Keofitt concept, it is available with various process and sample outlet connections with manual or pneumatic operation.

If what you need is a simple process CIP-able sampling valve supported by EHEDG certification; choose Simplex!



## SIMPLEX



# KEOFITT SIMPLEX SAMPLING VALVE

The KEOFITT SIMPLEX Sampling Valve is our product category for process CIPable sampling valves for less demanding applications that require no separate inlet for sterilizing or sanitizing media.

This valve is designed for sampling of low or medium viscosity products in the range of 0-1,000 cP with particles less than 2 mm in diameter.

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











- Water
- Unprocessed 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 SIMPLEX SAMPLING VALVES

|               |          | MANUAL VALVE  |   |  |   |   |
|---------------|----------|---|---|--|---|---|
|               |          | Tank welding  | Pipe welding  | Mini clamp   | 1" Clamp  | Ø68 varivent  |
| Hose Piece    |          |    |    |    |    |    |
|               | Silicone | 830141  | 831141  | 832141   | 832241  | 830941  |
|               | EPDM     | 830141EPDM  | 831141EPDM  | 832141EPDM   | 832241EPDM  | 830941EPDM  |
|               | PTFE     | 830141PTFE  | 831141PTFE  | 832141PTFE   | 832241PTFE  | 830941PTFE  |
| Welding Liner |          |  |  |  |  |  |
|               | Silicone | 830141.2  | 831141.2  | On request   |   |   |
|               | EPDM     | 830141.2EPDM  | 831141.2EPDM  |  |   |   |
|               | PTFE     | 830141.2PTFE  | 831141.2PTFE  |  |   |   |

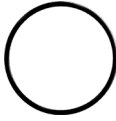




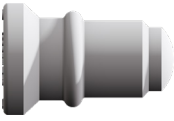
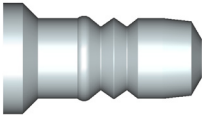
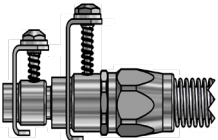
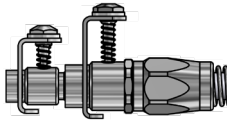

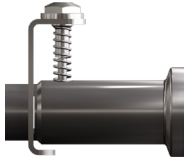



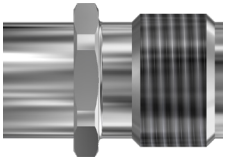
**PNEUMATIC VALVE**

| Tank welding  | Pipe welding  | Mini clamp  | 1" Clamp  | Ø68 varivent  |
|---|---|---|---|---|
|    |    |    |    |    |
| 830144  | 831144  | 832144  | 832244  | 830944  |
| 830144EPDM  | 831144EPDM  | 832144EPDM  | 832244EPDM  | 830944EPDM  |
| 830144PTFE  | 831144PTFE  | 832144PTFE  | 832244PTFE  | 830944PTFE  |
|  |  |  |  |  |

On request



# KEOFITT SIMPLEX - PARTS & ACCESSORIES

|                              |                |  |  |   |  |
|------------------------------|----------------|--|--|---|--|
| SIMPLEX™ PARTS & ACCESSORIES | O-Ring         | <br>400208<br>O-RING 68 FDA   | <br>550184<br>O-RING FESTO    | <br>800830<br>10.3X2.4 SILIC       | <br>900074<br>GASKET 3/4"     |
|                              | Membrane       | <br>600051<br>W9 SILICONE     | <br>600052<br>W9 EPDM         | <br>600053<br>FFKM W9/SIMPLEX       | <br>850055<br>PTFE W9/SIMPLEX |
|                              | For hose piece | <br>550002<br>PTFE W/QC 0.5M | <br>550003<br>PTFE W/QC 1.0M | <br>600062<br>RUBBER CAP W9       | <br>800013<br>QC W9 SPIKE    |
|                              |                | <br>800083<br>QC W9 TC      | <br>800086<br>QC W9 M4 HP   | <br>900045<br>ADAPTER W9/ISO     |  |
|                              | Misc.          | <br>600170<br>Q HANDLE      | <br>600255<br>TOOL PTFE W9  | <br>600370<br>SELF-CLOSING HANDLE | <br>800075<br>WL F/PTFE     |



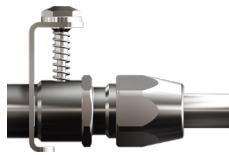
900091  
GASKET 1"



800058  
COIL W9



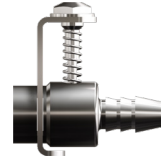
800061  
QC W9 PLUG



800070  
QC W9 WL



800091  
QC W9 PTFE



800082  
QC W9 HOSE ID 7



900075  
CLAMP 1/2"



900086  
CLAMP 1"



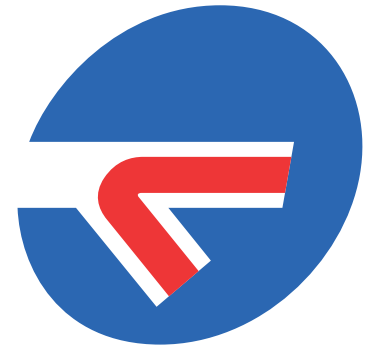


# KEOFITT SESAME

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:

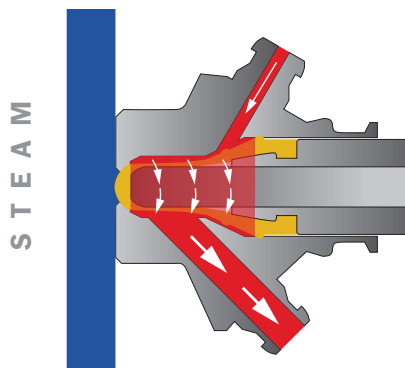
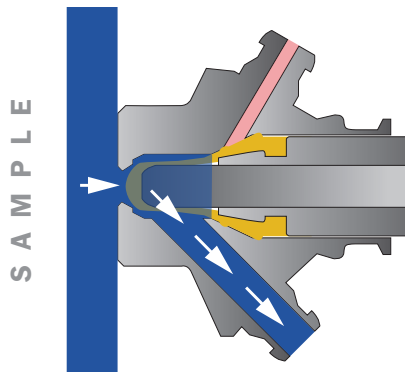
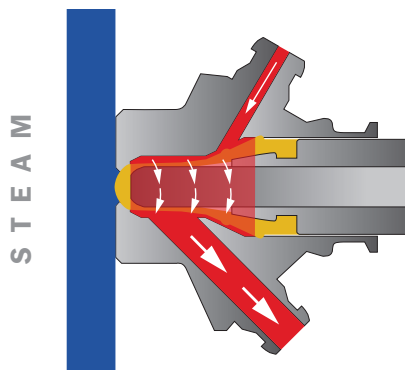
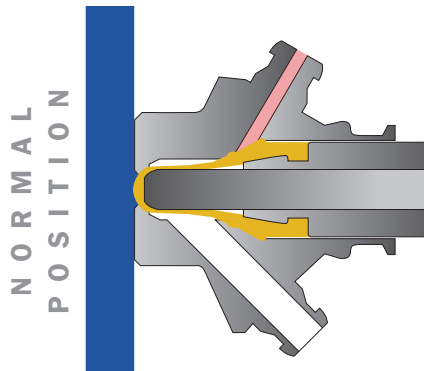
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head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



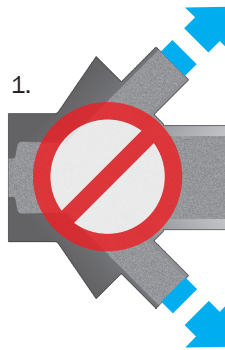
## SESAME



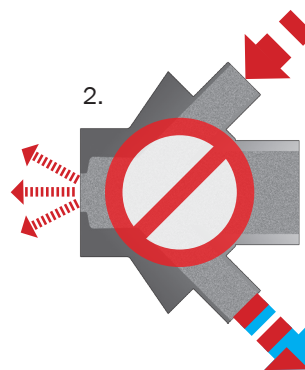
# HOW IT WORKS



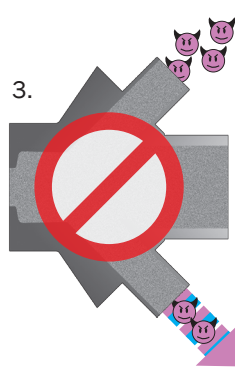
# ADVANTAGES



**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.



Scan code to see online valve function video

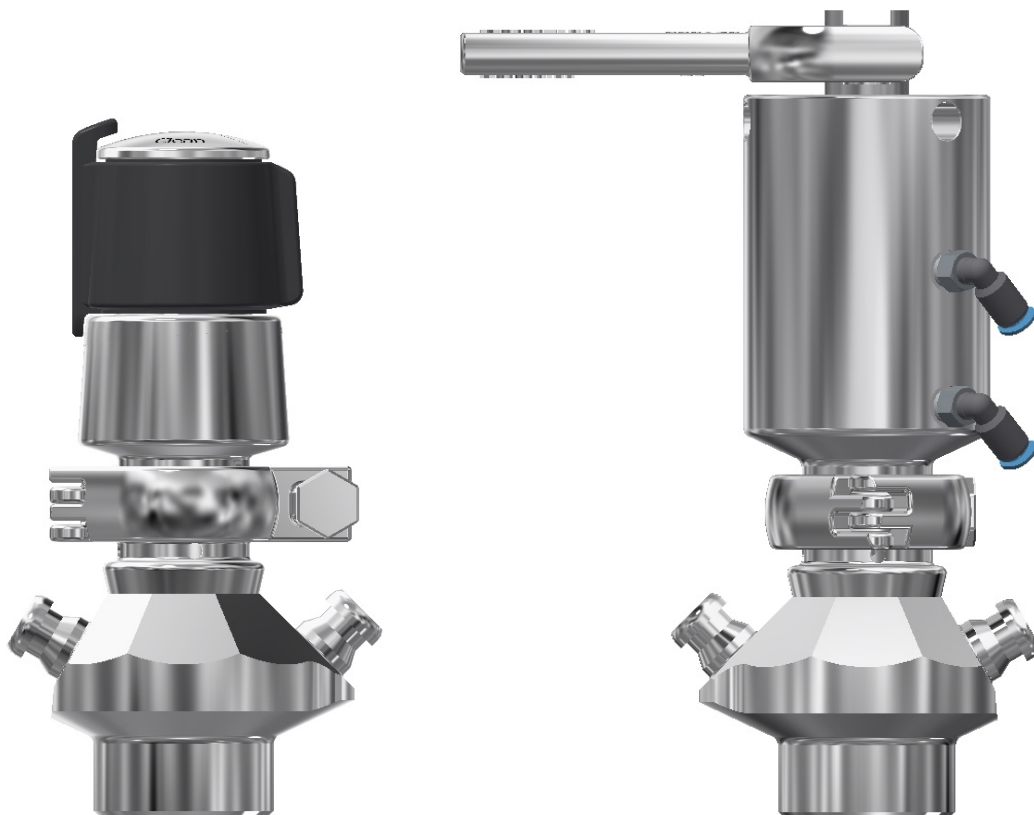
# KEOFITT SESAME

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. 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  | Varivent Ø50  | Varivent Ø68  | Mini Clamp  |
| <b>Hose Piece</b>     | <br>890001   | <br>890011 | <br>890008 | <br>890009 | <br>890036 |
| <b>Mini Tri-Clamp</b> | <br>890006   | <br>890010 | <i>On request</i><br>890020   | <i>On request</i><br>890013   | <br>890039 |
| <b>Thread M16x1,5</b> | <i>On request</i><br>890015   | <i>On request</i><br>890016   | <i>On request</i>   | <i>On request</i>   | <i>On request</i>   |
| <b>Welding Ends</b>   | <br>890007 | <i>On request</i><br>890019   | <i>On request</i>   | <i>On request</i>   | <i>On request</i>   |

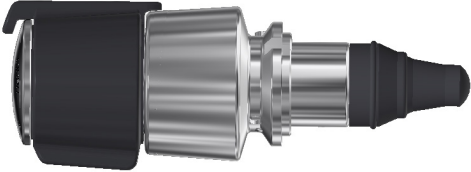



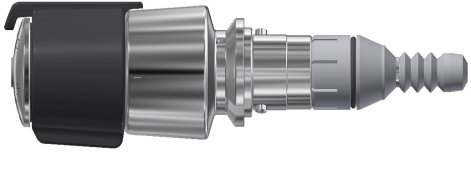

**SESAME BODIES**

**CONNECTION BODIES**

| <b>Clamp 1"</b>   | <b>Clamp 2"</b>   | <b>Thread</b>  | <b>Union<br/>DIN 11851</b>   |
|---|---|--|--|
|  <p align="center">890021</p>  |  <p align="center">890003</p>  | <p align="center"><i>On request</i></p> <p align="center">890031</p> |  <p align="center">890040</p> |
|  <p align="center">890022</p> <p align="center"><i>On request</i></p> <p align="center">890025</p> |  <p align="center">890005</p> <p align="center"><i>On request</i></p> <p align="center">890026</p> | <p align="center"><i>On request</i></p>                              | <p align="center"><i>On request</i></p>  |
| <p align="center"><i>On request</i></p> <p align="center">890024</p>  | <p align="center"><i>On request</i></p>   | <p align="center"><i>On request</i></p>                              | <p align="center"><i>On request</i></p>  |
| <p align="center"><i>On request</i></p>   | <p align="center"><i>On request</i></p>   | <p align="center"><i>On request</i></p>                              | <p align="center"><i>On request</i></p>  |



# KEOFITT SESAME VALVE - HEADS

|              |          | Type H<br>Turn knob<br>0-10bar  |   | Type Q<br>Lever handle<br>0-10bar |  |
|--------------|----------|---|---|-----------------------------------|--|
|              |          |   |   |                                   |  |
| SESAME HEADS | Silicone | <br>890041   | <br>890043   |                                   |  |
|              | EPDM     | <br>890041E | <br>890043E |                                   |  |
|              | PTFE     | <br>895541 | <br>895543 |                                   |  |

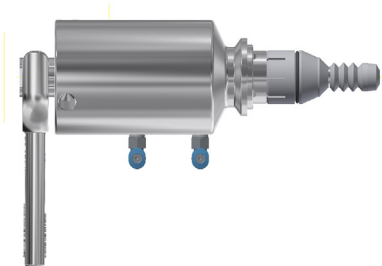
**Type N  
Pneumatic  
0-6bar**



890044



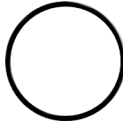
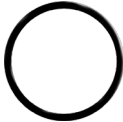





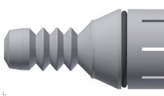

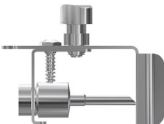


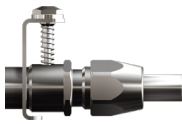



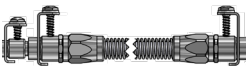
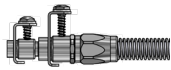









890044E



895544



# KEOFITT SESAME - PARTS & ACCESSORIES

|                                       |                           |   |   |  |   |   |
|---------------------------------------|---------------------------|---|---|--|---|---|
| <b>SESAME PARTS &amp; ACCESSORIES</b> | <b>O-Rings</b>            | <br>400208<br>O-RING 68 FDA      | <br>400308<br>EPDM 42X3 FDA          | <br>800830<br>10.3X2.4 EPDM     | <br>800830E<br>10.3X2.4 EPDM   | <br>880830<br>20,35X1,78 EPDM  |
|                                       | <b>Membranes</b>          | <br>890051<br>SILICONE SESAME    | <br>890052<br>EPDM SESAME            | <br>890055<br>PTFE SESAME       | <br>890053<br>FFKM SESAME      |   |
|                                       | <b>For hose piece</b>     | <br>800013<br>QC W9 SPIKE        | <br>800058<br>COIL W9                | <br>800061<br>QC W9 PLUG        | <br>800070<br>QC W9 WL         | <br>800091<br>QC W9 PTFE       |
|                                       | <b>For mini tri-clamp</b> | <br>900013<br>MINICLAMP SPIKE  | <br>300021<br>CLAMP/PTFE 10/8      | <br>550002<br>PTFE W/QC 0.5M | <br>550003<br>PTFE W/QC 1.0M | <br>550004<br>PTFE W/TC 0.5M |
|                                       | <b>For valve heads</b>    | <br>880255<br>TOOL REFLEX PTFE | <br>890170<br>Q HANDLE/TYP E Q     | <br>600170<br>Q HANDLE       |   |   |
|                                       | <b>Misc.</b>              | <br>890063<br>SINGLE CHAIN     | <br>890064<br>DOUBLE ST. ST. CHAIN | <br>900075<br>CLAMP 1/2"      | <br>900086<br>CLAMP 1"       | <br>900189<br>CLAMP DN 10-20 |





900087  
GASKET 1/2"



900091  
GASKET 1"



900092  
GASKET 2"



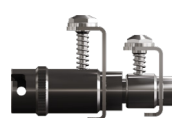
800082  
QC W9 HOSE ID 7



800083  
QC W9 TC



800086  
QC W9 M4 HP



550057  
ADAPTER



600062  
RUBBER CAP



900045  
SYRINGE ADAPTER  
W9



550005  
PTFE W/TC 1.0M



550002.2  
PTFE W/QC/TC 0.5M



550003.2  
PTFE W/QC/TC 1M



900096  
ADAPTER W9/TC



800014  
MINIC / 1" CLAMP



# 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



# 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.


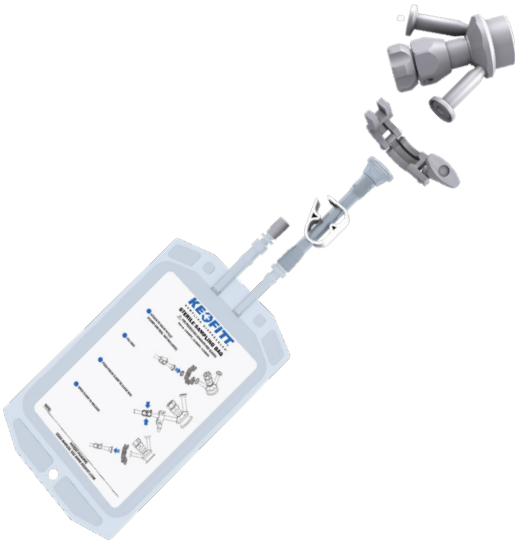
The Keofitt Sterile Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

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.

# 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* |



\*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.

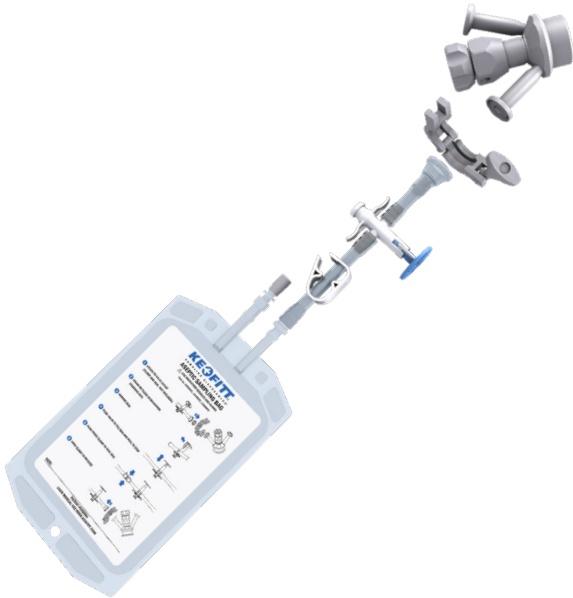
The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air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



Scan code to see online function video

# 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 |  |
| 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).



Scan code to see online function video



**KEOFITT SAMPLING BAGS**

**SPIKE BAGS**



**Size**

**Art. no.**

500 ML

130500PP\*

1000 ML

131000PP

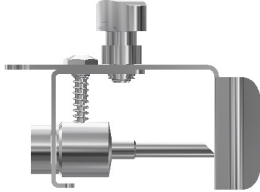


3000 ML

133000PP\*



\*ON REQUEST ONLY!

# KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

|  |                       |  |   |
|--|-----------------------|--|---|
| <b>SAMPLING BAGS PARTS &amp; ACCESSORIES</b> | <b>For hose piece</b> |  <p>400013<br/>QC M4 SPIKE</p>      |  <p>800013<br/>QC W9 SPIKE</p> |
|  | <b>For mini clamp</b> |  <p>900013<br/>MINICLAMP SPIKE</p> |   |
|  | <b>Misc.</b>          |  <p>150000<br/>BAG CARRIER</p>    |   |



400830  
M4 O-RING



800830  
W9 O-RING



900075  
CLAMP 1/2"



900087  
GASKET 1/2"



900074  
GASKET 3/4"





# 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

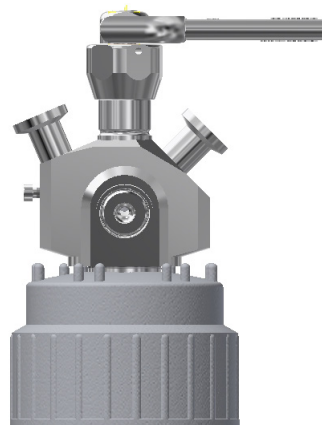
SAMPLING BOTTLE SYSTEMS

**ASEPTIC SAMPLING SYSTEM**  
for bottle sizes 250/1000/2000 ml



260001

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



260002

**SAMPLING BOTTLE HEAD W9**



260030

**SAMPLING BOTTLE HEAD W15**



860030




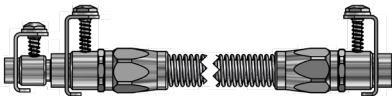
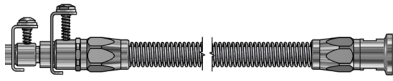
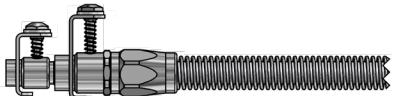


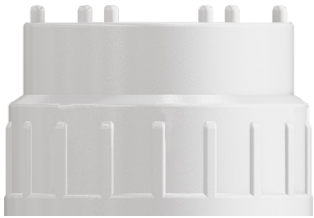

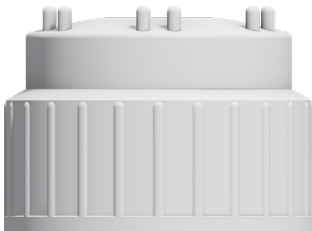

**SAMPLING BOTTLE HEAD W25**



870030



# KEOFITT SAMPLING BOTTLES - PARTS & ACCESSORIES

|                                      |                |  |   |  |  |
|--------------------------------------|----------------|--|---|--|--|
| SAMPLING BOTTLES PARTS & ACCESSORIES | <b>Bottles</b> |  <p>260325<br/>PP BOTTLE 250 ML</p>         |  <p>260525<br/>PP BOTTLE 1000 ML</p>             |  <p>260625<br/>PP BOTTLE 2000 ML</p>                  |  |
|                                      | <b>Tubings</b> |  <p>550002<br/>PTFE W/QC 0.5M</p>           |  <p>550002.2<br/>PTFE W/QC/TC 0.5M</p>          |  <p>550003<br/>PTFE W/QC 1.0M</p>                     |  |
|                                      | <b>Misc.</b>   |  <p>260170<br/>FILLING TUBE 1L</p>        |  <p>260270<br/>FILLING TUBE 2L</p>             |  <p>260326<br/>LID PP BOTTLE W/HOLE 250-2000 ML</p> |  |
|                                      |                |  <p>260427<br/>GASKET PP 4000/5000 ML</p> |  <p>260428<br/>LID PP BOTTLE 4000/5000 ML</p> |  <p>800014<br/>ADAPTER TC/1"</p>                    |  |

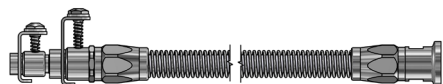




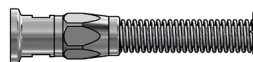
260725  
PP BOTTLE 4000 ML



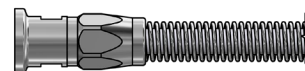
260825  
PP BOTTLE 5000 ML



550003.2  
PTFE W/QC/TC 1M



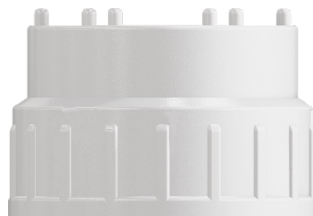
550004  
PTFE W/TC 0.5M



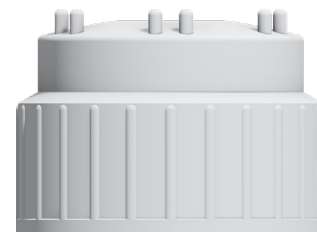
550005  
PTFE W/TC 1.0M



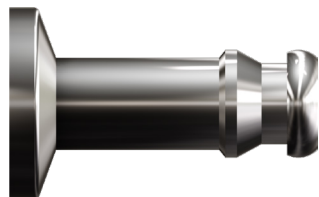
260327  
GASKET PP 250-2000 ML



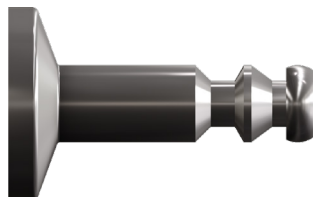
260328  
LID PP BOTTLE 250-2000 ML



260426  
LID PP BOTTLE W/HOLE 4000/5000 ML



900096  
ADAPTER W9/TC



900097  
ADAPTER M4/TC

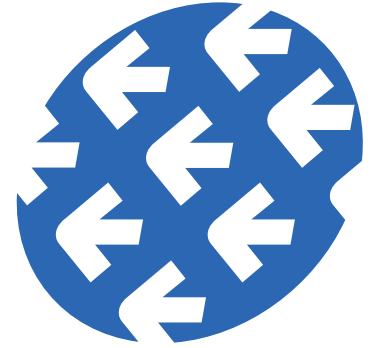


# KEOFITT VARIOUS

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



# 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  |  |   |
|----------------------------------|----------------------|---|--|---|
|                                  |                      | Tank  | Pipe Welding 1"  | Pipe Welding NW25   |
| MICRO PORT / MULTI MICRO PORT 49 | Butyl (IIR) membrane |  <p>900056</p>   |  <p>900057</p>   |  <p>900014</p> |
|                                  |                      | <p><b>Clamp 1/2"</b></p>  | <p><b>Clamp 1"</b></p>   | <p><b>Varivent</b></p>  |
|                                  |                      |  <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**



840001










840009



840020

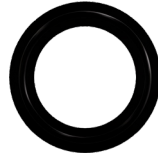


# KEOFITT MICRO PORT - PARTS & ACCESSORIES

|   |                |   |   |   |
|---|----------------|---|---|---|
| <b>MICRO PORT PARTS &amp; ACCESSORIES</b> | <b>O-Rings</b> |  <p>900822<br/>9.3X2.4 EPDM</p>    |  <p>900824<br/>14X4 EPDM</p>       |  <p>900825<br/>44.6X2.4 EPDM</p> |
|   | <b>Septum</b>  |  <p>900049<br/>BUTYL MP</p>       |   |   |
|   | <b>Misc.</b>   |  <p>840055<br/>FILM MULTI MP</p> |  <p>840118<br/>TOOL MULTI MP</p> |  <p>900054<br/>NEEDLE MP</p>   |



900087  
GASKET 1/2"



900091  
GASKET 1"



900055  
WICK MP



900077  
CHAIN MP



900441  
PLUG MICRO PORT



# KEOFITT STEAM BOILER

STEAM BOILER



550000



550002



800830  
10.3X2.4 EPDM



500830



# KEOFITT CARLSBERG FLASK

CARLSBERG FLASK



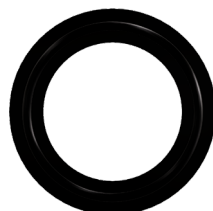
200001



900074



550003



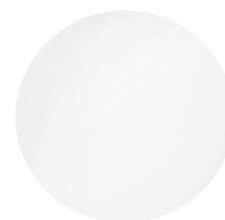
900091



900049



800830  
10.3X2.4 EPDM



200210



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Dealer

