

**GERSTEL**  
certified **SUPPLIES**



**Olfactory Detection Port  
ODP**

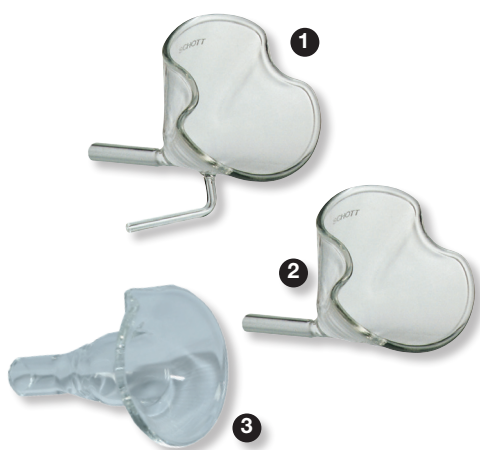


**Preparative Fraction Collector  
PFC**



## GERSTEL® - Olfactory Detection Port, OPD

The GERSTEL OPD allows olfactory detection of compounds using the human nose. Olfactory detection is performed in parallel to GC detection with FID, FPD or MSD detectors as compounds elute from the GC column. The effluent is split as it leaves the column, arriving simultaneously at the nose and at the detector, enabling the analyst to gain additional information on odor-active compounds. Using a headset with a microphone coupled to voice recognition software, the analyst can insert spoken comments directly into the chromatogram for peak annotation and into the analysis report. The OPD 3 model is equipped with a heated mixing chamber.

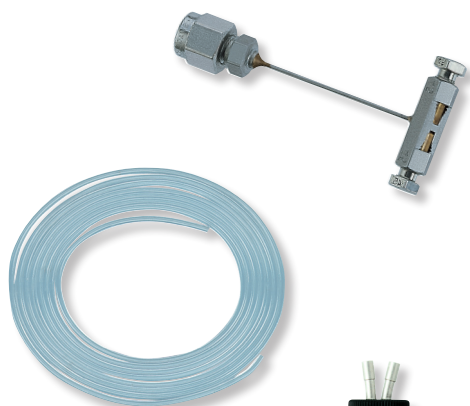


### Nose cones

	Part No.
1 for use with ODP 1/2 with humidifier	006285-000-00
2 for use with ODP 1/2 without humidifier	008012-000-00
3 for use with ODP 3	015346-000-00

### GRAPHPACK® 3D/2 column connector with 1/16" gas connection, Sulfinert®

Column OD	Column OD	
0.80	0.45	013508-145-00



### Silicone tubing for connecting nose cone and humidifier vial

2 m	008647-000-00
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### Humidifier vial

1 unit	008204-000-00
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### Outer O Ring (Viton) for ODP 3 mixing chamber

1 package (5 units)	015428-005-00
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Order no.

**Set for parallel detection, Sulfinert®**

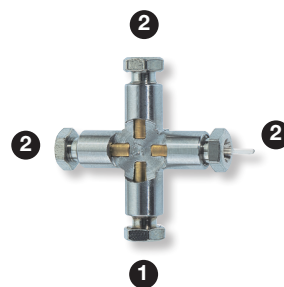
for Agilent MSD and GC Detectors in conjunction with GERSTEL ODP

main column OD	splitter/restrictor capillary OD	
0.31	0.40	013493-031-00
0.45	0.40	013493-045-00
0.70	0.40	013493-007-00



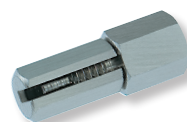
**GRAPHPACK 3D/2 crosspiece, Sulfinert®**

1 main column OD	2 splitter/restrictor capillary OD	
0.31	0,40	012240-031-00
0.45	0.40	012240-045-00
0.70	0.40	012240-007-00



**GRAPHPACK 2M detector adapter**

MSD HP 5971/5972 GCD Series G 1800 A	006511-040-00
HP 5890 A and Series II and Agilent 6850/6890	006508-040-00



**Spare parts**

**GRAPHPACK nut**

for all GRAPHPACK adapters;

1 package (5 units)	001268-005-00
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**Splitter/restriction capillaries**

OD/ID	length	units	
0.36 mm / 0.10 mm	1 m	1	006558-001-00
0.36 mm / 0.10 mm	5 m	1	006558-005-00
0.36 mm / 0.10 mm	10 m	1	006558-010-00
0.36 mm / 0.15 mm	2 m	1	005344-002-00
0.36 mm / 0.15 mm	5 m	1	005344-005-00



Order no.

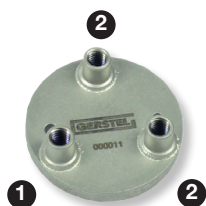
### Set for parallel detection 2-way splitter

main column OD	splitter/restrictor capillary OD	
0.45	0.40	018462-045-00



### Set for parallel detection 3-way splitter

main column OD	splitter/restrictor capillary OD	
0.45	0.40	018461-045-00



### GERSTEL µFlowManager Splitter - µSplit 2-way

1 main column OD	2 splitter/restrictor capillary OD	
0.45	0.40	018178-900-00



### GERSTEL µFlowManager Splitter - µSplit 3-way

1 main column OD	2 splitter/restrictor capillary OD	
0.45	0.40	018179-900-00

### GERSTEL µFlowManager ferrules

1 package (10 units)



Column OD

0.40	018182-010-00
0.45	018183-010-00

### GERSTEL µFlowManager screws

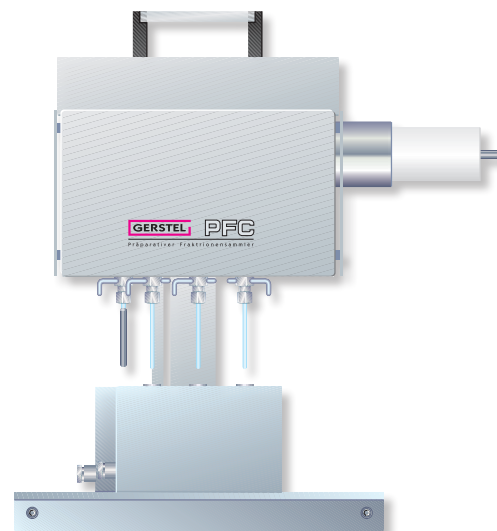
for all µFlowManager adapters



1 packet (10 units)	018185-010-00
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## GERSTEL® Preparative Fraction Collector, PFC

The GERSTEL PFC is used for purification and collection of compounds or compound classes following separation by capillary gas chromatography. Compounds are automatically and selectively collected in up to six different traps that can be heated or cooled depending on the needs for the type of compounds. Highly accurate switching between the traps enable the analyst to collect and accumulate compounds with high purity and high yield from up to 150 GC runs. A seventh trap is available to collect all compounds not collected in the main traps. These compounds can be saved for further analysis or for conducting "subtraction studies" of key compounds.



### Trap adapter

for traps 1 µL – 100 µL

Part No.

10 unit	011229-000-00
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### Sample traps

Trap Size	Package	Part No.
1 µL	1 package (10 units)	005507-010-00
	1 package (50 units)	005507-050-00
100 µL	1 package (10 units)	005509-010-00
	1 package (50 units)	005509-050-00



### Teflon ferrules for sample traps

1 package (10 units)

<b>ID 3.0 mm;</b> for traps	
1 µL und 100 µL	005002-010-00



### Sample traps, coiled

1 package (10 units)

1 µL	006633-010-00
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### Teflon ferrules for sample traps

1 package (10 units)

<b>ID 1.8 mm</b>	
for 1 µL, coiled traps	005002-028-00



### Transfer capillary

deactivated; 1 package (5 units)

OD 0.45 mm, L = 870 mm	005010-000-00
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### Capillary for sample trap

deactivated

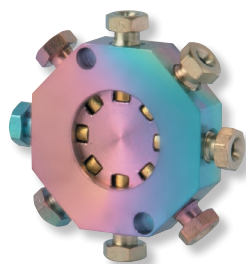
<b>OD 0,45 mm</b>	
180 mm, 5 units	005014-000-00
5 m, 1 unit	005014-005-00
10 m, 1 unit	005014-010-00

Order no.



**GRAPHPACK® 3D/2 ferrule kit for PFC**

1 kit **006761-000-00**

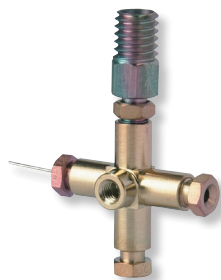


**GRAPHPACK 3D/2 switching device for PFC, Sulfinert®**

complete

**Important note**  
Switching devices are available only for customers with a GERSTEL® Preparative Fraction Collector.

1 unit **012218-045-00**



**GRAPHPACK 3D/2 effluent splitter for FID, Sulfinert®**

for HP 5890 II, Agilent / HP 6890  
column OD 0.70 mm **012219-007-00**

Replacement  
Fixing nut

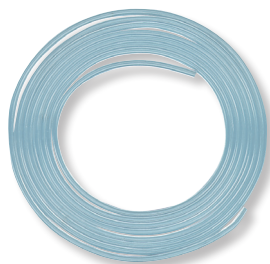
1 unit **001268-005-00**

**Restriction capillary**

deactivated,  
0.40 mm OD, 0.05 mm ID

length

80 mm (5 units) **007304-001-00**  
5 m (1 unit) **007304-005-00**  
10 m (1 unit) **007304-010-00**



**Silicone tubing for PFC**

for connecting component traps to solenoid valve

10 m **007593-000-00**

## GRAPHPACK® 3D/2 mounting tool kit for switching device

For the rapid creation of low-dead-volume connections when using the PFC switching device. Suitable for all capillary columns with outside diameters 0.45 mm.

Order no.



complete kit **006752-000-00**

## Spare parts

### GRAPHPACK mounting tool

single, without insert **003424-000-00**

### Insert for 3.0 mm mounting depth

Color: silver

1 unit **008994-005-00**

### Insert holder

Column OD  
**0.45 mm** **008995-045-00**



## GRAPHPACK 3D/2 sealing ferrule

1 package (5 units)

Column OD (mm)	Order no.
<b>0.31</b>	<b>006520-031-00</b>
<b>0.40</b>	<b>006520-040-00</b>
<b>0.45</b>	<b>006520-045-00</b>
<b>0.70</b>	<b>006520-007-00</b>



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