

**GERSTEL**  
certified

# SUPPLIES



**Dynamic Headspace  
DHS & DHS 3.5<sup>+</sup>**



**Dynamische Headspace DHS<sup>large</sup>**





## GERSTEL® Dynamic Headspace DHS

The Dynamic Headspace (DHS) option for the GERSTEL MultiPurpose Sampler (MPS) enables efficient automated extraction and concentration of VOCs and SVOCs from liquid or solid samples placed in standard headspace vials. Compared with static headspace and SPME, DHS offers significant improvements in recovery and limits of detection. Analytes are concentrated on a sorbent filled tube and subsequently transferred to the GC/MS by thermal desorption in the GERSTEL Thermal Desorption Unit (TDU). A new trap can be selected for each sample ensuring that no carry-over is experienced even for the most difficult samples.

This Supplies Catalogue provides a list of certified consumables, accessories and spare parts essential for the smooth operation of your GERSTEL® DHS. You have the right to demand the highest quality and performance from your GERSTEL system. In order to ensure best possible performance throughout the life of your system, please use only consumables, accessories and spare parts provided by GERSTEL. All GERSTEL products are made to exact specifications. Use of products not approved by GERSTEL can cause system malfunction or damage and may void system warranty. If you have any questions please do not hesitate to contact GERSTEL. Typically, the most efficient way is to contact your local sales representative.



**Please note:**

Adsorbent tubes and transport adaptors are listed separately in the TDU Supplies Catalogue.

### Screw cap vials

Vials	mL	Thread Ø	unit	Part no.	
Clear, Ø11.6 x 32 mm, for DHS dry position	1.5	9	100	093640-046-00	❶
Clear	10	18	100	093640-038-00	❷
Brown	10	18	100	093640-039-00	❸
Clear	20	18	100	093640-036-00	❹
Brown	20	18	100	093640-037-00	❺



### Screw caps with septa

	Thread Ø	unit	Part no.	
PP transparent, Septum: Silicone blue / PTFE white, 1.3 mm, 45° Shore A	9	100	093640-072-00	❶
magnetic Septum: Silicone blue / PTFE white, 1.3 mm, 35° Shore A	18	100	093640-040-00	❷
magnetic Septum: Silicone blue / PTFE white, 1.5 mm, 60° Shore A	18	100	093640-041-00	❸

**Part no.**



**10mL vial insert for DHS station**

1 unit

**015809-000-00**



**Viton O-rings for DHS station**

Bottom tube sealing O-ring

1 package (5 units)

**015907-005-00**



**Extraction tool for O-ring inside DHS station**

1 unit

**015892-000-00**

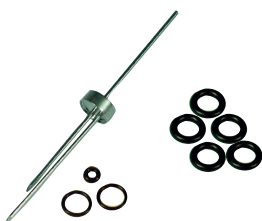


**Disposable syringe, 10 mL**

for manual pneumatic tube release

1 unit

**015996-000-00**



**Preventive maintenance kit DHS**

consisting of:

DHS needle with Viton ferrule (1 unit)

Viton O-ring for DHS station (5 units)

**014100-913-00**



**DHS needle with Viton ferrule**

1 unit

**017674-500-00**



**Viton O-ring set for DHS needle**

1 package (2 x 10 units)

**016050-010-00**

Part no.

**DHS L Sample container, without cover**

Inner diameter 99 mm,  
stainless steel, sulfinert coating

volume with cover\*

<b>250 mL</b> , max. filling height 17 mm	<b>018639-000-00</b>	<b>①</b>
<b>500 mL</b> , max. filling height 50 mm	<b>018640-000-00</b>	<b>②</b>
<b>1000 mL</b> , max. filling height 117 mm	<b>018641-000-00</b>	<b>③</b>

\* Cover for DHS L sample container not included.  
Please order the cover separately



**Cover for DHS L sample container**

stainless steel, sulfinert coating

<b>with safety valve 2.3 bar</b>	<b>021432-000-00</b>
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**O-Ring for DHS L sample container**

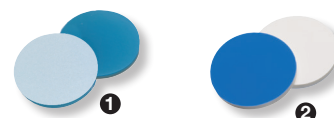
conditioned

<b>1 unit</b>	<b>020211-000-00</b>
<b>10 units</b>	<b>020211-010-00</b>



**Septa for screw caps for 10/20 mL screw cap vials**

Septum	unit	Part no
Silicone blue transparent / PTFE white, 1.3 mm, 35° Shore A 100		<b>093640-057-00</b> <b>①</b>
Silicone white / PTFE blue, 1.5 mm, 60° Shore A	100	<b>093640-056-00</b> <b>②</b>



**Part no.**

**Part no.**

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