For the efficient SPE analysis using InertSep vacuum manifold system, necessary accessories are provided as a kit for general or environmental analysis which needed many samples such as river water. Some kits are suitable for your analytical purposes.

InertSep Vacuum Manifold

①5010-50237 Glass Chamber
For extraction using a diaphragm suction pump, it is resistant to pressure. Stainless bats (5010-50122) are also available.

②5010-50238 Cover Assembly
Fit onto the glass chamber to perform solid phase extraction.

③5010-50032 Luer fitting
A luer type connection can be made, e.g. with a solid phase cartridge or filter disk. Also used to connect the delivery tips to the cover.

④5010-50014 Vacuum gauge
Display the level of vacuum in the glass chamber.

⑤5010-50015 Bleed valve
Used to adjust the amount of vacuum applied. Adjust while monitoring the pressure displayed on the vacuum gauge.

⑥5010-50016 Sealing plug
Need to plug any line not being used.

⑦5010-50017 O-ring for rack
⑧5010-50018 Stainless steel nut for rack
5010-50129 Resin nut for rack
⑨5010-50033 Vacuum tube connector assembly
Used to connect the glass chamber to the vacuum pump.

⑩5010-50019 Stainless steel gasket
Used to seal the cover assembly and the glass chamber to maintain vacuum.

⑪5010-50018 Stainless steel nut for rack
5010-50129 Resin nut for rack
⑬5010-50017 O-ring for rack
⑭5010-50128 Resin clip for rack
⑮5010-50240 e.t.c. Racks
There 5 type of racks: 12/16 mm test tube, 20 mL concentration tube, 30 mL concentration tube, TS 29/38 eggplant shaped flask, TS 29/38 Florence flask 50/100 mL.
For the efficient SPE analysis using InertSep vacuum manifold system, necessary accessories are provided as a kit for general or environmental analysis which needed many samples such as river water. Some kits are suitable for your analytical purposes.

**<Kit Contents>**

- Glass Chamber: 1 pc
- Vacuum Gauge: 1 pc
- Plug: 12 pcs
- Luer Fitting: 12 pcs
- PTFE Delivery Tip: 12 pcs
- 12 mm Waste Liquid Funnel: 12 pcs
- Cover: 1 pc
- Gasket: 1 pc
- Bleed Valve: 1 pc
- Safety Valve: 1 pc
- Cartridge Adaptor: 12 pcs
- Stainless Delivery Tip: 12 pcs
- 12/16 mm Rack: 1 pc
- 16 mm waste liquid funnel: 12 pcs

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
<th>Cat.No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>InertSep Vacuum Manifold Kit</td>
<td>1/pk</td>
<td>5010-50230</td>
</tr>
</tbody>
</table>

**Description**

- **Large Size Cartridge**
  10 mL reservoir used with samples up to 10 mL. Adaptor not required.

- **Empty Reservoir**
  1 mL to 150 mL reservoirs are available for large sample amount. Requires a connecting adaptor.

- **Reservoir with adaptor**
  Ideal for use in the pretreatment of food. Useful when using a cleanup volume of 20 mL approx.

- **Luer Device Cartridge**
  Used for connecting a solid phase cartridge, connecting an empty reservoir or connection to a automatically instrument for solid phase extraction.

- **Connecting adaptor for InertSep**
  Used to connect a syringe barrel type regular cartridge to another luer device.

- **5010-60010 Luer Stop Valve (PTFE)**
  Used to control or stop the flow rate during solid phase extraction.

- **5010-51010 etc, GL-SPE Concentration tubes**
  There are 11 different sizes. Select, depending on the volume of the extraction solvent and concentration volume.
Related Products

**GL-SPE Gravity Flow Manifold**
(for general analysis, aluminum)

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
<th>Cat.No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL-SPE Gravity Flow Manifold</td>
<td>1 pc</td>
<td>5010-50430</td>
</tr>
</tbody>
</table>

**Luer Stop Valve (PTFE)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Qty.</th>
<th>Cat.No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lure Stop Valve</td>
<td>Common</td>
<td>12 pcs</td>
<td>5010-60010</td>
</tr>
</tbody>
</table>

**Concentration Tube & Test Tube for InertSep / GL-SPE Vacuum Manifold**

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume</th>
<th>Plug</th>
<th>Cat.No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spitz Tube with Stop and Scale</td>
<td>6 (6.5) mL</td>
<td>Co-Stoppered</td>
<td>5010-51001</td>
</tr>
<tr>
<td>GL-SPE Concentration Tube 1mL</td>
<td>6 (7) mL</td>
<td>Co-Stoppered</td>
<td>5010-51010</td>
</tr>
<tr>
<td>GL-SPE Concentration Tube 0.5mL&amp;1.0mL Graduated 7mL</td>
<td>6(7)mL</td>
<td>Co-Stoppered</td>
<td>5010-51011</td>
</tr>
<tr>
<td>GL-SPE Concentration Tube 0.5mL &amp;1.0mL/7mL Clear Taper</td>
<td>6(7)mL</td>
<td>Tapered</td>
<td>5010-51013</td>
</tr>
</tbody>
</table>

GL Sciences disclaims any and all responsibility for any injury or damage which may be caused by this data directly or indirectly. We reserve the right to amend this information or data at any time and without any prior announcement.

---

GL Sciences [Inc. Japan](22-1 Nishishinjuku 6-Chome Shinjuku-ku, Tokyo, 163-1130, Japan)
Phone: +81-3-5323-6620
Fax: +81-3-5323-6621
Email: world@gls.co.jp
Web: www.glsciences.com

GL Sciences B.V.
De Sleutel 9
5652 AS Eindhoven
The Netherlands
Phone: +31 (0)40 254 95 31
Email: info@glsctiences.eu
Web: www.glsciences.eu

GL Sciences [Inc. USA](4733 Torrance Blvd. Suite 255 Torrance, CA 90503)
Phone: 310-265-4424
Fax: 310-265-4425
Email: info@glsciencesinc.com
Web: www.glsciencesinc.com

GL Sciences (ShangHai) Ltd.
Tower B, Room 2003,
Far East International Plaza,
NO,317 Xianxia Road,
Changning District.
Shanghai, China P.C. 200032
Phone: +86 (0)21-6278-2272
Email: contact@glsciences.com.cn
Web: www.glsciences.com.cn

International Distributors
Visit our Website at www.glsciences.com/distributors