STERI-TROL
Clean service control valves

spirax sarco
About the STERI-TROL
Clean service applications demand the very best in valve performance and product design. With Spirax Sarco as your supplier, you can be confident that you are getting the best possible solution for your application. You can trust us to meet your requirements exactly, and to provide control valves that will not let you down.

The STERI-TROL is a pneumatically-operated, 2-port angle pattern, clean service control valve that features:

- 316L stainless steel construction
- PN16 rating
- 170°C maximum operating temperature
- Modulating and on/off control
- All industry standard connections
- Standard and customer-defined centre face dimensions
- Industry standard control interface devices, including stainless steel positioner

Industries and applications

- Pharmaceuticals
- Biotechnology
- Semi-conductor
- Food
- Brewing and beverages
- Cosmetics
- Clean steam
- Pure steam
- SIP/CIP
- De-mineralised and reverse osmosis water
The range at a glance

<table>
<thead>
<tr>
<th>STERI-TROL Model</th>
<th>Body pattern</th>
<th>Valve sizes</th>
<th>Flow type</th>
<th>Reduced flow and micro-flow options</th>
<th>Class VI soft seal option</th>
<th>FDA approved seals and USP26 Class VI</th>
<th>3 A’s and EHEDG design</th>
<th>ASME BPE 2002 design</th>
<th>Material certificate EN 10204 3.1 supplied</th>
<th>Surface finish certificate option</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA</td>
<td>Angle pattern</td>
<td>DN15 to DN100</td>
<td>Equal %</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>SH</td>
<td>Straight through</td>
<td></td>
<td>Linear</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>SQ</td>
<td>Angle pattern</td>
<td>DN20 to DN100</td>
<td>Linear</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Key features and benefits

<table>
<thead>
<tr>
<th>Key features</th>
<th>Key reasons</th>
<th>Key benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-draining</td>
<td>The angled design ensures self-draining of the valve. A precise radius is incorporated in the body design to eliminate dead zones.</td>
<td>There are no areas where the media can accumulate and create a potential for contamination.</td>
</tr>
<tr>
<td>Crevice free</td>
<td>Mechanically polished to 0.4 microns as standard. Option of electro polish finish. Customer specified finish option.</td>
<td>A smooth finish promotes cleanliness and eliminates contamination from pyrogens.</td>
</tr>
<tr>
<td>High performance stem sealing</td>
<td>A double stem seal is used to protect the valve from contamination and damage. One size stem seal for all sizes of valve.</td>
<td>Longer stem seal life and reduced maintenance. Less interruption to the process. Reduced spares stock holding.</td>
</tr>
<tr>
<td>Quick release body and bonnet</td>
<td>A sanitary clamp is used to retain the body and bonnet connection.</td>
<td>The valve may be opened for inspection and maintenance quickly and easily, therefore minimising any process downtime.</td>
</tr>
<tr>
<td>Long life actuator design</td>
<td>Developed from the proven Spirax Sarco rolling diaphragm actuator range with standard epoxy or ENP finish, or complete stainless steel construction.</td>
<td>Long actuator life and reduced maintenance. Less interruption to the process.</td>
</tr>
<tr>
<td>Part of a total controls solution from Spirax Sarco</td>
<td>One of many controls and instrumentation products that may be acquired separately or as a complete one-stop-shop controls solution.</td>
<td>Peace of mind that your purchases are supported wherever you are in the world, and that a single contract will fulfil your controls requirement, from design to after sales service.</td>
</tr>
</tbody>
</table>
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  - South Africa

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  - Kenya
  - Nigeria

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  - Zimbabwe

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Some products, services or solutions may not be available in certain markets

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