

STERI-TROL

Clean service control valves



spirax
/sarco

STERI-TROL

The smart, flexible option

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

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

Key features and benefits

Key features

Key reasons

Key benefits



Self-draining

The angled design ensures self-draining of the valve.

A precise radius is incorporated in the body design to eliminate dead zones.

There are no areas where the media can accumulate and create a potential for contamination.



Crevice free

Mechanically polished to 0.4 microns as standard.

Option of electro polish finish.

Customer specified finish option.

A smooth finish promotes cleanliness and eliminates contamination from pyrogens.



High performance stem sealing

A double stem seal is used to protect the valve from contamination and damage.

One size stem seal for all sizes of valve.

Longer stem seal life and reduced maintenance.

Less interruption to the process.

Reduced spares stock holding.



Quick release body and bonnet

A sanitary clamp is used to retain the body and bonnet connection.

The valve may be opened for inspection and maintenance quickly and easily, therefore minimising any process downtime.



Long life actuator design

Developed from the proven Spirax Sarco rolling diaphragm actuator range with standard epoxy or ENP finish, or complete stainless steel construction.

Long actuator life and reduced maintenance.

Less interruption to the process.



Part of a total controls solution from Spirax Sarco

One of many controls and instrumentation products that may be acquired separately or as a complete one-stop-shop controls solution.

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.

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

Spirax-Sarco Limited
Cheltenham UK
GL53 8ER
t: +44 (0)1242 521361
f: +44 (0)1242 573342
e: controls@uk.spiraxsarco.com
www.spiraxsarco.com/controls

spirax
/sarco