

# 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.

## Group companies

### Africa

South Africa

### Americas

Argentina  
Brazil  
Canada  
Mexico  
USA

### Asia

China  
India  
Japan  
Korea  
Malaysia  
Singapore  
Taiwan  
Thailand

### Australasia

Australia  
New Zealand

### Europe

Austria  
Belgium  
Czech Republic  
Denmark  
Finland  
France  
Germany  
Italy  
Norway  
Poland  
Portugal  
Russia  
Slovak Republic  
Spain  
Sweden  
Switzerland  
Turkey  
UK

## Sales offices

### Africa

Egypt  
Kenya  
Nigeria

### Americas

Colombia  
Venezuela

### Asia

Hong Kong  
Indonesia  
Pakistan  
Philippines  
Vietnam

### Europe

Austria  
Hungary  
Ireland

### Middle East

UAE

## Distributors

### Africa

Algeria  
Cameroon  
Ethiopia  
Ghana  
Ivory Coast  
Libya  
Malawi  
Mauritius  
Morocco  
Namibia  
Senegal  
Sudan  
Tanzania  
Tunisia  
Uganda  
Zambia  
Zimbabwe

### Americas

Bolivia  
Chile  
Colombia  
Costa Rica  
Dominican Republic  
Ecuador  
El Salvador  
Guatemala  
Honduras  
Jamaica  
Nicaragua  
Panama  
Paraguay  
Peru  
Trinidad and Tobago  
Uruguay  
Venezuela

### Asia

Bangladesh

### Australasia

Fiji

### Europe

Bulgaria  
Croatia  
Cyprus  
Estonia  
Greece  
Iceland  
Latvia  
Lithuania  
Malta  
Netherlands  
Romania  
Slovenia

### Middle East

Bahrain  
Iran  
Israel  
Jordan  
Kuwait  
Lebanon  
Oman  
Qatar  
Saudi Arabia  
Syria



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](mailto:controls@uk.spiraxsarco.com)  
[www.spiraxsarco.com/controls](http://www.spiraxsarco.com/controls)

**spirax**  
**/sarco**