

# Klercide®

## Klercide Pressurised Spray System

A fully validated, autoclavable, 316 stainless steel spray system to enable quick and easy application of a Klercide or Ecolab disinfectant onto large surface areas.

### Advantages

- **Efficient disinfection**

The use of the Klercide Pressurised Spray System ensures a fast and efficient way to disinfect large surfaces. The effectiveness of the biocide is assured, as the operator is always applying clean solution to the surfaces.

- **Access for difficult to reach areas**

The system includes a long spray lance and three optional nozzles, with a controllable pressure level up to 4 bar, to enable disinfection of areas which are difficult to reach.

- **Portable design**

It can be moved easily to different locations and remains stable during use.

- **Cleanroom compatible**

The system is manufactured from 316 stainless steel and separates easily into components for autoclaving.



### Description

The Klercide Pressurised Spray System is made from 316 stainless steel and can be used in conjunction with any of the Klercide or Ecolab range of disinfectants. It holds up to 18 litres of ready-to-use disinfectant (concentrate solutions can be prepared in the vessel) and operates with an external compressed air supply at a maximum pressure of 4 bar, delivering 80 ml – 1000 ml/minute of clean solution onto surfaces, depending on the nozzle used. If residues are an issue, a wiping phase should be incorporated into the disinfection regime.

The external compressed air supply can be permanently connected for maximum available pressure throughout the disinfection process, or connected until maximum pressure is achieved and then disconnected, after which time the available pressure will gradually decrease with use. The amount of pressure used can be controlled by the operator as required for each area. This, in conjunction with the choice of nozzles, allows a wide range of spray patterns to be achieved, from very concentrated for problem areas, through to very wide for fast coverage.

The spray lance incorporates a flow control valve which is closed while the system pressurises and then is opened by the operator to give the amount of flow required.

The system breaks down into three or four pieces for easy autoclaving.

It complies with the requirements of the PED (Pressure Equipment Directive) 97/23/EC group 1 (liquids) and group 2 (gases). It is supplied with full instructions.

## Technical Specification

|                                      |  |
|--------------------------------------|--|
| <i>Material:</i>                     | 316L stainless steel   |
| <i>Gas supply:</i>                   | Filtered compressed air or other suitable gas                                |
| <i>Maximum liquid capacity:</i>      | 19.3 litres  |
| <i>Recommended filling capacity:</i> | 18 litres when attached to gas supply<br>10 litres when used remote from gas |
| <i>Maximum operating pressure:</i>   | 4 bar  |
| <i>Safety valve adapted to:</i>      | 4 bar  |
| <i>Recommended liquids:</i>          | Klercide or Ecolab biocides  |
| <i>Width:</i>                        | 290 mm   |
| <i>Depth with handle:</i>            | 285 mm approx.   |
| <i>Height with handle:</i>           | 775 mm   |

## Product Code

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| Code   | Description                       | Unit of Sale |
|--------|-----------------------------------|--------------|
| KPSS20 | Klercide Pressurised Spray System | 1 unit       |

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### Shield Medicare Limited

Hurlands Business Park Farnham GU9 9JE UK  
Telephone +44 (0)1252 717616 Facsimile +44 (0)1252 715269  
[info@shieldmedicare.com](mailto:info@shieldmedicare.com) [www.shieldmedicare.com](http://www.shieldmedicare.com)