

PeraSpray™ with 3 Applicators

APA/100



Properties

Enclosure, Pump Heads, Shield, Lance and Hook: Polypropylene

Gun Body & Lever, Connectors and Nuts: Polypropylene

Pump Body: Polyphenol Ether

Pump Head Diaphragm: EPDM and bonded Mild Steel stud

Central Diaphragm: EPDM and Zinc-passivated Mild Steel

Pressure Module Pad: Hypalon

Tubing: PVC

Retractable Coil: Nylon blend

'O' rings and Manifolds: EPDM and Nitrile

Directional Valve Spring and Screws: Steel

Magnet Backing Disc: Zinc Plated EN3B

Flow rate: 2.37 – 2.74 litres/minute using water

Dimensions: 45 x 36 x 37 cm

Net weight: 6.72 Kg

For more Pump information, see APA/004 datasheet.

For more Extension Kit and Lance information, see APA/014 datasheet.

For more Directional Valve information, see ATS/425 datasheet.

For more Relief Valve information, see Relief Valve datasheets.

A Power Unit datasheet is also available.

Datasheets are available at www.ambic.co.uk



Product Technical Data Sheet

Background

Milking clusters are a well-known source of cow to cow transmission of mastitis pathogens. For each infected cow milked, the risk of contamination is present for the next 6 to 8 cows, with the first two being at highest risk. An effective method of reducing the risk of mastitis transmission is by killing any pathogens present on the cluster before it is attached to the next cow.

Cluster spraying sanitises each cluster between each cow being milked, reducing cow to cow transmission of mastitis pathogens. This is a faster and more effective method than cluster dipping and enables fresh, clean solution to be delivered to the cluster every time.

Peroxyacetic Acid (Peracetic Acid or PAA) is a particularly effective agent as well as being environmentally friendly and the only cleanser of choice for Organic milk producers. PAA breaks down into harmless components – carbon dioxide, water and oxygen, so there are no problems relating to milk contamination and there is no need to rinse the clusters.

Recommended for use with Peroxyacetic Acid (Peracetic Acid or PAA) at a final concentration of less than 250ppm (0.025%). The maximum concentration of Peracetic Acid that can be used is subject to regulations that differ between countries.

Features

- Extension kits enable expansion of the number of drop coils on the PeraSpray™ system.
- Quicker and more effective than cluster dipping.
- Effective sanitisation of each cluster between every cow being milked with contact time of as little as 10 seconds.
- Fresh, clean solution is delivered to each cluster every time.
- Special applicators ensure that both the inside and outside surfaces of the cluster liner are sanitised.

Manufactured in the UK

HS Commodity Code: 84349000

REACH compliance is not applicable.



Product Technical Data Sheet

Contains the following parts which can be ordered separately as product codes:

- APA/002 – PeraSpray™ Applicator.
- APA/004 – PeraSpray™ Diaphragm Pump.
- APA/006 – PeraSpray™ Retractable Coil.
- APA/008 – PeraSpray™ Nozzle 'O'-Rings for Spray Nozzle (pack of 10).
- APA/014 – PeraSpray™ Extension Kit.
- APA/015 – PeraSpray™ Solid Cone Nozzle.
- APA/020 – PeraSpray™ Nozzle and Shield Assembly.
- APA/101 – PeraSpray™ Power Unit.
- APA/2006 – PeraSpray™ Relief Valve Assembly.
- ATS/405-PA – PeraSpray™ Control Valve Assembly.
- ATS/407 – T-Connector with Nuts.
- ATS/411 – Cable Ties (pack of 10).
- ATS/412 – Intake Filter Complete with Flexible Tubing.
- ATS/413 – Vacuum Adaptor.
- ATS/419 – Intake Filter.
- ATS/425 – Directional Valve.
- ATS/436 – Pressure Bottle.
- ATS/442 – Directional Valve Spring.
- ATS/444 – Directional Valve Filter (pack of 3).
- ATS/445-PA – PeraSpray™ Diaphragm Pump Inlet Valve (fine thread).
- ATS/446-PA – PeraSpray™ Diaphragm Pump Outlet Valve (coarse thread).
- ATS/447 – Directional Valve Bleed Valve Insert.
- ATS/450 – Pressure Reservoir Bottle Holder.
- ATS/461-PA – PeraSpray™ Applicator Connector.
- AAF/017 – Applicator Hanging Hook.
- AJS/2008 – Pipe Manifold Assembly.
- AJS/2012 – Directional Valve Manifold Assembly.
- AJS/2026 – In-line Vacuum On/Off.
- AJS/2041 – Back Cover.