

# International Product Guide

Leading best practice in livestock health management

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## Welcome to Ambic



Ambic Equipment Limited is a world leading specialist in the development and production of a comprehensive range of dairy hygiene and livestock health management products which are sold right around the world. In particular, Ambic is the world's leading producer of mastitis prevention and mastitis detection equipment, its market leading position having been built up as a result of over forty years of dedication to research and development, innovative product design, high quality manufacture and excellent customer service. It currently exports more than 80% of its production to more than 60 countries across the globe, leading the international market it has helped create and shape with its product innovation.

### Innovation

After its foundation in 1977, Ambic collaborated with the National Institute for Research in Dairying (NIRD), based at the University of Reading, at a time when NIRD was conducting pioneering research into the detection and prevention of mastitis. Ambic was first to market with key mastitis-detection and mastitis- prevention technologies, particularly for teat dipping and teat spraying. In subsequent years it was also first to market with teat-foaming technologies.

Today, Ambic has a dedicated team of Research and Development staff who are responsible for product development, product improvement and technical support. This includes in-house CAD facilities, a fully equipped R&D laboratory, rapid prototyping and electronics facilities as well as a dedicated toolmaking department.

### Quality

The fundamental principles of quality were instilled in Ambic by its founders and today we don't just talk about quality and service, we live it! We know our future depends on it.

This dedication to product and service innovation has resulted in recognition at the highest levels, including the following coveted awards:

- The Queen's Award for Technological Achievement
- Silver Medal - The Machinery Awards Scheme, Royal Agricultural Society of England
- Outstanding British Product Design Award by the Design Council of Great Britain
- The Prince Philip Award For Research & Development in the field of Dairy Farming

Ambic is accredited by ISOQAR to the International Quality Management System ISO9001:2015 as well as the International Environmental Management System ISO14001:2015

### Made in England

At a time when it has become fashionable to outsource functions, Ambic has identified strategic value in retaining key functions in-house, developing its expertise and leveraging them across the business to drive innovation. This has been achieved as a result of significant investment in automation which has taken place to facilitate constant productivity improvement and ensure cost leadership.

Key functions in the business include Product Development, Tool Making, Plastic Moulding, Product Assembly and Quality Assurance as well as the usual Marketing, Sales, Accounts and Administration functions.

### Teamwork

Key to Ambic's success is the achievement of effective Teamwork across all the functions in the business to ensure that the synergies of the in-house functions are all leveraged to maximum strategic advantage. For example, the Product Development team includes not only dedicated Research and Development staff, but also involves the Sales and Marketing staff, the Tool Makers, Production and Accounting personnel; they all bring their expertise to the table to ensure that relevant, reliable and competitive products are developed to meet tangible current and future market needs. We actively pursue a policy of constant improvement and welcome feedback and suggestions from our customers

### Feedback

This latest Product Guide includes details of our expanded range of innovative products which we hope you will find inspiring.


For further information contact [sales@ambic.co.uk](mailto:sales@ambic.co.uk) Tel: +44 (0) 1993 701936/7

## Which Teat Sanitisation System?

To optimise the teat sanitisation process it is important to select the right system by matching it:

- to the type of chemical being used
- to the ruminants or herd being treated
- to the milking system through which the herd is being milked

To assist customers in selecting the right Ambic teat sanitisation system we have constructed the following 'cross check list', which makes it quick and easy to select the right system for your particular application.

	Teat Dipping												Teat Spraying					Teat Foaming							
	StandardDipper™	No. 1 Non Return Dip Cup™	TwinDipper™	wInDipper Plus™	MiniDipper™	UniDipper™	DipMizer™	EasiDipper™	MultiDipper™ (Electric Version)	MultiDipper™ (Pneumatic Version)	OptiFlow™ - Viton Version	OptiDipper™	PortaSpray	Classic Teat Spray System	JetStream™ Teat Spray System	JetStream™ - Viton Version	OptiSprayer™	OptiFoamer™	MultiFoamer™ & FoamDipper™	Foam'n'Dip™ (Electric Version)	Foam'n'Dip™ (Pneumatic Version)	PowerFoamer™ (Electric Version)	PowerFoamer™ (Pneumatic Version)	EasiFoamer™	
<b>Application</b>																									
Pre-milking	✓	✓			✓	✓		✓	(✓)	(✓)		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Post-milking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	(✓)	(✓)	✓	✓	(✓)	(✓)	(✓)
<b>Ruminant/Herd</b>																									
Cows	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	(✓)	✓	✓	✓	✓	✓	✓	✓	✓
Small teated cows					✓		✓	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Goats						✓	✓	✓				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sheep						✓		✓				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Small herds	✓	✓	✓	✓	✓	✓	✓	(✓)	✓	✓		✓		✓	✓	(✓)	(✓)	✓	✓	✓	✓	✓	✓	✓	(✓)
Medium herds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Large herds	✓	✓	✓	✓	✓	✓	✓	✓	(✓)	(✓)	✓	✓		(✓)	(✓)	✓	✓	✓	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	✓
<b>Chemical Type</b>																									
Standard dips	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		✓	✓				
Barrier dips			✓	✓		✓		(✓)	✓	✓	✓	✓								✓	✓				
Chlorine dioxide	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓*		✓		✓	✓*	✓	✓	✓	✓	✓	✓	✓	✓
Lactic acid	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓*		✓		✓	✓*	✓	✓	✓	✓	✓	✓	✓	✓
Foam dips																		✓	✓	✓	✓	✓	✓	✓	✓
<b>Power Source</b>																									
Manual	✓	✓	✓	✓	✓	✓	✓							✓					✓						
Vacuum							✓			✓	✓				✓	✓	✓	✓							
Electric									✓											✓		✓			✓
Compressed air										✓											✓		✓		✓

\* Special Teat Sprayer Required (✓) Possible but not Recommended

## NEW OptiSprayer™ and OptiDipper™



The OptiSprayer™ and OptiDipper™ are pistol-style teat spray applicators which are designed to sit comfortably in the hand to make the process of teat spraying / dipping both quick and effective. They have an integral easy-squeeze trigger which makes the spraying / dipping process easy to control.

They are available in a choice of top-load or bottom-load configurations to suit a range of milking system types so that the applicator can be positioned where it is always easily accessible.

A choice of 16 cm or 25 cm lance lengths are available; a drag-line version is also available as an alternative for large scale operations.

### Features

- The OptiSprayer™ comes with the full range of Ambic teat spray nozzle options, including adjustable hollow cone spray nozzles, available in either plastic or stainless steel as well as a solid cone EasySpray™ nozzle for optimum teat coverage.

Please see pages 7 and 8. Also available in a Viton version, please see pages 10 and 11.

- The OptiDipper™ has an integral 'easy-squeeze' trigger which makes it easy to control the dispensing of teat dip chemical into the dip cup attachment located at the end of the lance.

A range of restrictor inserts, located in the applicator body, enables the flow rate to be set to suit the viscosity of the teat dip chemical being dispensed.

The unique SplashGard™ chamber located on the dip cup attachment captures surplus teat dip which is displaced when the teat is inserted into the dip cup section, thus avoiding spillage and wastage.

Please see pages 39-41.

## OptiFlow™ Hi-Performance Teat Pump System



- The OptiFlow™ is a new, high performance Power Unit which is an upgraded version of the well tried and tested JetStream™ Power Unit that has been used for many years to power Ambic's extensive range of teat spray systems.

Please see pages 39-41.

## JetStream™ Teat Spray System

Systems are available in blue, yellow or green for pre- and post- spraying.






- Complete teat spray system with 3 guns
- Fully vacuum operated so no electricity required
- Switches on and off automatically with the milking system
- Pressure relief valve depressurises the system when the system is switched off and back-flushes the chemical intake filter
- Retractable coil with built-in memory
- Choice of 15 gun types
- System includes 21m of Delivery Line Tubing
- Expandable with extension kits to suit a full range of milking systems and herd sizes
- Easy to install and low maintenance
- Supplied with a handy AmbiSpanner™ to speed up installation and maintenance
- Comprehensive 12 month warranty
- Suitable for most chemicals\* (see Viton model for Chlorine Dioxide and Lactic Acid applications on pages 9-12)



\*Not suitable for Sodium Hypochlorite / Peracetic Acid

## Ordering Information

### JetStream™ Systems with Lever Guns

Part No*	Description	Gun Type	Operation	Lance	Nozzle	Colour*
AJS/1500 AJS/1500-Y AJS/1500-G	JetStream™		Lever	Plastic - Extended (17cm)	Solid Cone	Blue Yellow Green
AJS/1000 AJS/1000-Y AJS/1000-G	JetStream™		Lever	Stainless Steel - Standard (16cm)	Plastic - Adjustable	Blue Yellow Green
AJS/1000E AJS/1000E-Y AJS/1000E-G	JetStream™		Lever	Stainless Steel - Extended (25cm)	Plastic - Adjustable	Blue Yellow Green
AJS/1600 AJS/1600-Y AJS/1600-G	JetStream™		Lever	Stainless Steel - Standard (16cm)	Stainless Steel - Adjustable	Blue Yellow Green
AJS/1600E AJS/1600E-Y AJS/1600E-G	JetStream™		Lever	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable	Blue Yellow Green

\*Please state which colour when ordering






## Ordering Information

### JetStream™ Systems with OptiSprayer™ Top Load Guns

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/5500-TL	JetStream™		Trigger	Plastic - Extended (17cm)	Solid Cone	Blue
AJS/5000-TL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Plastic - Adjustable	Blue
AJS/5000E-TL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Plastic - Adjustable	Blue
AJS/5600-TL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel - Adjustable	Blue
AJS/5600E-TL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable	Blue

## Ordering Information

### JetStream™ Systems with OptiSprayer™ Bottom Load Gun

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/5500-BL	JetStream™		Trigger	Plastic - Extended (17cm)	Solid Cone	Blue
AJS/5000-BL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Plastic	Blue
AJS/5000E-BL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Plastic	Blue
AJS/5600-BL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel	Blue
AJS/5600E-BL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel	Blue

## JetStream™ Teat Spray System (Viton Version)






Suitable for Chlorine Dioxide and Lactic Acid based chemicals

For spraying Chlorine Dioxide and Lactic Acid based teat dip chemicals we recommend JetStream™ systems equipped with special Viton diaphragms. A conversion kit (AJS/2023-V) is also available to convert existing JetStream™ systems on pages 5 to 8 to spray these chemicals. See page 12.



## Ordering Information

### JetStream™ Systems - Viton Version

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/1500-V	JetStream™ Viton Version		Lever	Plastic - Extended (17cm)	Solid Cone	Blue
AJS/1000 -V	JetStream™ Viton Version		Lever	Stainless Steel - Standard (16cm)	Plastic - Adjustable	Blue
AJS/1000E-V	JetStream™ Viton Version		Lever	Stainless Steel - Extended (25cm)	Plastic - Adjustable	Blue
AJS/1600-V	JetStream™ Viton Version		Lever	Stainless Steel - Standard (16cm)	Stainless Steel - Adjustable	Blue
AJS/1600E-V	JetStream™ Viton Version		Lever	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable	Blue






## Ordering Information

### JetStream™ Systems - Viton Version with OptiSprayer™ Top Load Gun

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/5500-V-TL	JetStream™		Trigger	Plastic - Extended (17cm)	Plastic	Blue
AJS/5000-V-TL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Plastic	Blue
AJS/5000E-V-TL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Plastic	Blue
AJS/5600-V-TL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel	Blue
AJS/5600E-V-TL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel	Blue

## Ordering Information

### JetStream™ Systems - Viton Version with OptiSprayer™ Bottom Load Gun

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/5500-V-BL	JetStream™		Trigger	Plastic - Extended (17cm)	Solid Cone	Blue
AJS/5000-V-BL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Plastic	Blue
AJS/5000E-V-BL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Plastic	Blue
AJS/5600-V-BL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel	Blue
AJS/5600E-V-BL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel	Blue

## JetStream™ Power Unit Spares for Viton Version

### Ordering Information

#### JetStream™ Power Unit Viton Spares

Part No	Description	Content	Compatibility	Image
AJS/2001-V	JetStream™ Power Unit - Viton Version		JetStream™	
AJS/2024	JetStream™ Annual Minor Service Kit (1500 hours)	Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444) Intake Filter (ATS/419) Directional Valve Bleed Valve Insert (ATS/447)	JetStream™	
AJS/2025-V	JetStream™ Major 5 Yearly Service Kit - Viton Version (7500 hours)	JetStream™ Pump Assembly (AJS/2004-V) Relief Valve Diaphragms (AJS/2019-V) Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444) Intake Filter (ATS/419) Directional Valve Bleed Valve Insert (ATS/447) Pressure Bottle 'O'-Ring	JetStream™	
AJS/2023-V	JetStream™ Conversion Kit - Viton Version	Small & Large Relief Valve Diaphragms with Relief Valve Rubber Pad (AJS/2019-V) Pump Head Diaphragms (x2) (ATS/456-V)	JetStream™	
AJS/2004-V	JetStream™ Diaphragm Pump Complete - Viton Version		JetStream™	
AJS/2019-V	Relief Valve Service Kit - Viton Version	Relief Valve Relief Valve Diaphragm - Small Relief Valve Diaphragm - Large Relief Valve Pad	JetStream™	
ATS/456-V	Pump Head Diaphragm - Viton Version		JetStream™ - Viton Version OptiFlow™	

## Teat Spray Gun Extension Kits

Extend the number of guns in your milking installation with an Ambic Gun Extension Kit. Extension kits allow you to expand the number of drop coils on your teat spray system.






The kit is available in Blue, Yellow or Green and comes in a range of gun styles. Kit includes:

- 1 x Drop Coil
- 1 x Gun
- 3m Distribution Line
- 1 x T Connector and Nuts
- 4 x Cable Ties



### Ordering Information

#### Extension Kits - Lever and Button Guns






Part No*	Description	Image	Colour*
ATS/514 ATS/514-Y ATS/514-G	Extension Kit with ATS/502 EasySpray™ Gun with Extended Lance and Solid Cone Nozzle		Blue Yellow Green
ATS/414 ATS/414-Y ATS/414-G	Extension Kit with ATS/402 Classic Gun with Standard Stainless Steel Lance and Plastic Adjustable Nozzle		Blue Yellow Green
ATS/414E ATS/414E-Y ATS/414E-G	Extension Kit with ATS/402E Classic Gun with Extended Stainless Steel Lance and Plastic Adjustable Nozzle		Blue Yellow Green
ATS/614 ATS/614-Y ATS/614-G	Extension Kit with ATS/602 Classic Gun with Stainless Steel Lance and Stainless Steel Adjustable Nozzle		Blue Yellow Green
ATS/614E ATS/614E-Y ATS/614E-G	Extension Kit with ATS/602-E Classic Gun with Extended Stainless Steel Lance and Stainless Steel Nozzle		Blue Yellow Green

\*Please state which colour when ordering








## Ordering Information

### JetStream™ Extension Kits with OptiSprayer™ Top Load Gun

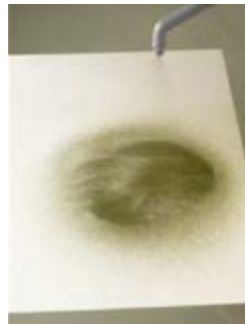
Part No	Description	Gun Type	Colour
AOS/514-TL	Extension Kit with AOS/502-TL OptiSprayer™ Gun with Extended Lance and Solid Cone Nozzle		Blue
AOS/414-TL	Extension Kit with AOS/402-TL OptiSprayer™ Gun with Standard Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AOS/414E-TL	Extension Kit with AOS/402E-TL OptiSprayer™ Gun with Extended Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AOS/614-TL	Extension Kit with AOS/602-TL OptiSprayer™ Gun with Standard Stainless Steel Lance and Stainless Steel Nozzle		Blue
AOS/614E-TL	Extension Kit with AOS/602E-TL OptiSprayer™ Gun with Extended Stainless Steel Lance and Stainless Steel Nozzle		Blue

## Ordering Information

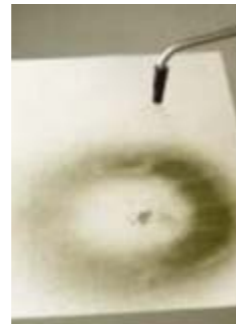
### JetStream™ Extension Kits with OptiSprayer™ Bottom Load Gun

Part No	Description	Gun Type	Colour
AOS/514-BL	Extension Kit with AOS/502-BL OptiSprayer™ Gun with Extended Lance and Solid Cone Nozzle		Blue
AOS/414-BL	Extension Kit with AOS/402-BL OptiSprayer™ Gun with Standard Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AOS/414E-BL	Extension Kit with AOS/402E-BL OptiSprayer™ Gun with Extended Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AOS/614-BL	Extension Kit with AOS/602-BL OptiSprayer™ Gun with Standard Stainless Steel Lance and Stainless Steel Nozzle		Blue
AOS/614E-BL	Extension Kit with AOS/602E-BL OptiSprayer™ Gun with Extended Stainless Steel Lance and Stainless Steel Nozzle		Blue

## Teat Spray Guns



Solid Cone Spray Pattern



Adjustable Spray Pattern

### Ordering Information

#### Lever Operated Teat Spray Guns

Part No*	Description	Image
ATS/502 ATS/502-Y ATS/502-G	EasySpray™ Gun <ul style="list-style-type: none"> <li>• Solid Cone Technology Improves Teat Coverage and Helps Reduce Chemical Wastage</li> <li>• 17cm Lance Makes it Easier and Safer to Reach Cows' Teats when Spraying</li> <li>• Anti-Wear Device Prolongs the Life of the Gun in the Harsh Dairy Environment</li> <li>• Improved 'Anti-Slip' Lever Design for Enhanced Ergonomics</li> <li>• Plastic Solid Cone Nozzle</li> </ul>	
ATS/402 ATS/402-Y ATS/402-G	Classic Lever Gun <ul style="list-style-type: none"> <li>• Ambic's Original Lever Action Teat Spray Gun with 16cm Stainless Steel Lance</li> <li>• Plastic Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
ATS/402E ATS/402E-Y ATS/402E-G	Classic Lever Gun <ul style="list-style-type: none"> <li>• Ambic's Original Lever Action Teat Spray Gun with 25cm Stainless Steel Lance</li> <li>• Plastic Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
ATS/602 ATS/602-Y ATS/602-G	Classic Lever Gun <ul style="list-style-type: none"> <li>• Ambic's Original Lever Action Teat Spray Gun with 16cm Stainless Steel Lance</li> <li>• Stainless Steel Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
ATS/602E ATS/602E-Y ATS/602E-G	Classic Lever Gun <ul style="list-style-type: none"> <li>• Ambic's Original Lever Action Teat Spray Gun with 25cm Stainless Steel Lance</li> <li>• Stainless Steel Adjustable Nozzle to Vary Spray Pattern</li> </ul>	

\*Please state which colour when ordering

### Ordering Information

#### OptiSprayer™ Top Load Guns




Part No	Description	Gun Type	Operation	Lance	Nozzle
AOS/502-TL	OptiSprayer™ Gun		Trigger	Plastic - Extended (17cm)	Solid Cone
AOS/402-TL	OptiSprayer™ Gun		Trigger	Stainless Steel - Standard (16cm)	Plastic - Adjustable
AOS/402E-TL	OptiSprayer™ Gun		Trigger	Stainless Steel - Extended (25cm)	Plastic - Adjustable
AOS/602-TL	OptiSprayer™ Gun		Trigger	Stainless Steel - Standard (16 cm)	Stainless Steel - Adjustable
AOS/602E-TL	OptiSprayer™ Gun		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable

#### OptiSprayer™ Bottom Load Guns






Part No	Description	Gun Type	Operation	Lance	Nozzle
AOS/502-BL	OptiSprayer™ Gun		Trigger	Plastic - Extended (17cm)	Solid Cone
AOS/402-BL	OptiSprayer™ Gun		Trigger	Stainless Steel - Standard (16cm)	Plastic - Adjustable

## Ordering Information

### OptiSprayer™ Bottom Load Guns

Part No	Description	Gun Type	Operation	Lance	Nozzle
AOS/402E-BL	OptiSprayer™ Gun		Trigger	Stainless Steel - Extended (25cm)	Plastic - Adjustable
AOS/602-BL	OptiSprayer™ Gun		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel - Adjustable
AOS/602E-BL	OptiSprayer™ Gun		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable

### OptiSprayer™ Gun AND OptiDipper™ Applicator Spares













Part No	Description	Image
AOR/405-TL	OptiSprayer™ Trigger Valve Service Kit - Top Load	
AOR/405-BL	OptiSprayer™ Trigger Valve Service Kit - Bottom Load	
AOR/539	OptiSprayer™ Handles and Screws	
AOR/250	OptiSprayer™ Hook for Bottom Load Guns	
AOR/409	OptiSprayer™ Handle Nuts	

For OptiSprayer™ spare Lances and Nozzles please refer to page 23.

## Teat Spray Power Unit Spares

### Ordering Information

#### Teat Spray Power Unit Spares

Part No*	Description	Compatibility	Image
AJS/2001 AJS/2001-Y AJS/2001-G	JetStream™ Power Unit - Blue JetStream™ Power Unit - Yellow JetStream™ Power Unit - Green	JetStream™	
ATS/401	Classic Power Unit	Classic	
ATS/425	Directional Valve	JetStream™ Classic OptiFlow™	
ATS/435	Dump Valve/Relief Valve Large Diaphragm	JetStream™ Classic	
ATS/436	Pressure Reservoir Bottle	JetStream™ Classic	
ATS/442	Directional Valve Spring	JetStream™ Classic OptiFlow™	
ATS/443	Diaphragm Assembly Directional Valve	JetStream™ Classic OptiFlow™	
ATS/444	Directional Valve Primary Filter (pack of 3)	JetStream™ Classic OptiFlow™	
ATS/445	Diaphragm Pump Inlet Valve Fine Thread (pack of 2)	JetStream™ Classic	
ATS/446	Diaphragm Pump Outlet Valve Coarse Thread (pack of 2)	JetStream™ Classic	
ATS/447	Directional Valve Bleed Valve Insert	JetStream™ Classic OptiFlow™	
ATS/448	Directional Valve Service Kit	JetStream™ Classic OptiFlow™	

\*Please state which colour when ordering

**Teat Spray Power Unit Spares (continued)**



Part No	Description	Compatibility	Image
ATS/450	Pressure Bottle Holder	JetStream™ Classic	
ATS/456	Pump Head Diaphragm	JetStream™ Classic	
ATS/426	Classic Diaphragm Pump Complete	Classic	
AJS/2004	JetStream™ Diaphragm Pump Complete	JetStream™	
AJS/2006	Relief Valve	JetStream™ Classic	
AJS/2008	Pipe Manifold Assembly	JetStream™	
AJS/2012	Directional Valve Manifold Assembly	JetStream™ Classic OptiFlow™	
AJS/2016	Pressure Relief Module (50 psi)	JetStream™ Classic	
AED/4016	Adjustable Pressure Module (40 psi - 60 psi)	JetStream™ Classic	
AJS/2019	Relief Valve Service Kit	JetStream™ Classic	
AJS/2026	In-Line Vacuum On/Off Valve (6mm barb)	JetStream™ Classic	

## Teat Spray Power Unit Service Kits


Teat Spray Service Kits make it quick and easy to undertake regular maintenance of Ambic teat spray systems and ensure that wearing parts are changed at the appropriate intervals so that they provide trouble free operation.

### Ordering Information


**Universal Teat Sprayer Service Kits - JetStream™ and Classic**

Part No	Description	Contents	Image
AJS/2024	Annual Minor Service Kit (1500 hours)	Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444) Intake Filter (ATS/419) Directional Valve Bleed Valve Insert (ATS/447)	
AJS/2019	Relief Valve Service Kit (3000 hours)	Relief Valve Diaphragm - Small Relief Valve Diaphragm - Large Relief Valve Pad	

**JetStream™ Teat Sprayer Service Kits**



Part No	Description	Contents	Image
AJS/2025	JetStream™ Major 5 Yearly Service Kit (7500 hours)	JetStream™ Pump Assembly (AJS/2004) Relief Valve Diaphragms (AJS/2019) Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444) Intake Filter (ATS/419) Directional Valve Bleed Valve Insert (ATS/447) Pressure Bottle 'O'-Ring	

**Service Kits for Lever Style Teat Spray Guns**

Part No*	Description	Contents	Colour*	Image
ATS/405 ATS/405-Y ATS/405-G	Control Valve	Screw Plug Control Valve Spring 'O'-Rings	Blue Yellow Green	

\*Please state which colour when ordering

**Service Kits for Button Style Teat Spray Guns**

Part No	Description	Contents	Image
AJS/2405	Button Gun Control Valve Service Kit	Spring Spacer Spring Spring Pad Polyprop Ball S/S Gauze Filter 'O'-Rings	
AJS/2406	Button Assembly Service Kit	Button Button Cover Button Cover Support Plunger Spring	

## Teat Spray Gun Connectors and Spares

### Ordering Information

#### Teat Spray Gun Connectors and Adaptors

Part No	Description	Image	
ATS/461	Straight Connector for all Ambic Guns		JetStream™ Classic
ATS/462	Spacer for the ATS/461 Straight Connector (pack of 10)		JetStream™ Classic
ATS/461-5/16	Gun Connector to fit Ambic Guns to Spraymaster™ Systems		JetStream™ Classic
ATS/461-1/4	Gun Swivel Connector to Fit 6mm bore Dragline with Male Thread (1/4") BSP		JetStream™ Classic
ATS/461-1/4F	Gun Swivel Connector to fit to (6mm bore) Dragline with Female Thread (1/4") BSP		JetStream™ Classic
ATS/461-8	Gun Connector to fit Ambic Guns to Loheat™ and Cotswold™ Systems (8mm)		JetStream™ Classic
ATS/461-10	Gun Connector to fit Ambic Guns to Johnson Diversey-Deosan™ Systems (10mm)		JetStream™ Classic

### Teat Spray Gun Spares

Part No	Description	Fits Guns	Image
ATS/415	Adjustable Nozzle	All Teat Spray Guns with a Stainless Steel Lance	
ATS/415-5	Adjustable Nozzle (pack of 5)		
AJS/2415	Solid Cone Nozzle	All Teat Spray Guns with a Plastic Lance	
AJS/2415-5	Solid Cone Nozzle (pack of 5)		
ATS/615	Stainless Steel Nozzle	All Teat Spray Guns with a Stainless Steel Lance	
ATS/439	Plastic Lever	EasySpray™/Classic	
ATS/405* ATS/405-Y ATS/405-G	Control Valve	EasySpray™/Classic	
AJS/2405	Button Gun Control Valve Service Kit	Button	
AJS/2406	Button Gun Service Kit	Button	
AJS/2470	Button Gun Entry Fitting	Button	
AJS/2450	Standard Plastic Lance (11cm)	All Ambic Teat Spray Guns	
ATS/504	Extended Plastic Lance (17cm)	All Ambic Teat Spray Guns	
ATS/449	Standard Stainless Steel Lance with Plastic Nozzle (16cm)	All Ambic Teat Spray Guns	
ATS/404E	Extended Stainless Steel Lance with Plastic Nozzle (25cm)	All Ambic Teat Spray Guns	
ATS/649	Standard Stainless Steel Lance with Stainless Steel Nozzle (16cm)	All Ambic Teat Spray Guns	
ATS/604E	Extended Stainless Steel Lance with Stainless Steel Nozzle (25cm)	All Ambic Teat Spray Guns	

\*Please state which colour when ordering

## Teat Spray Distribution Line Spares

### Ordering Information

#### Distribution Line Spares

Part No	Description	Image	Compatibility
ATS/406* ATS/406-Y ATS/406-G	Retractable Coil – Blue Retractable Coil – Yellow Retractable Coil – Green		JetStream™ Classic
ATS/438	Repair Kit for Ambic Drop Coil ATS/406		JetStream™ Classic
ATS/407	T Connector with Nuts		JetStream™ Classic
ATS/408	Straight Connectors with Nuts (pack of 2)		JetStream™ Classic
ATS/409	Connector Nuts (pack of 6)		JetStream™ Classic
ATS/410	6m Flexible Delivery Line Tubing		JetStream™ Classic
ATS/411	Cable Ties (pack of 10)		JetStream™ Classic

\*Please state which colour when ordering

#### Distribution Line Spares (continued)

Part No	Description	Image	Compatibility
ATS/412	Intake Filter Complete with Flexible Tubing		JetStream™ Classic
ATS/413	Vacuum Adaptor		JetStream™ Classic
ATS/419	Intake Filter Only (pack of 2)		JetStream™ Classic
ATS/428	30m Flexible Delivery Line Tubing		JetStream™ Classic
ATS/429	Blanking Plugs (pack of 2)		JetStream™ Classic
AJS/2055	AmbiSpanner™ - to Speed up Installation and Service. The Only Tool you need to Install an Ambic Teat Spray System (apart from a drill and screwdriver)		JetStream™ Classic

## PeraSpray™

Cluster spraying has the advantage of delivering fresh solution each time a cluster is sprayed ensuring that the solution is active and therefore effective. The PeraSpray™ system has special seals and components that are resistant to Peracetic Acid.

- Complete cluster spray system with 3 applicators
- Reduces transmission of Mastitis Pathogens from cow to cow
- Sanitises each cluster between cows being milked
- Fresh, clean solution delivered to each cluster every time
- Utilises safe, environmentally friendly low-concentration chemical
- Low capital investment means short payback period
- System includes 21m of Delivery Line Tubing
- Quicker and more effective than cluster dipping



### Ordering Information

#### PeraSpray™ System

Part No	Description	Image
APA/100	PeraSpray™ with 3 Applicators	
APA/101	PeraSpray™ Power Unit Only	
APA/014	PeraSpray™ Extension Kit	

### Ordering Information

#### PeraSpray™ System

Part No	Description	Image
APA/004	PeraSpray™ Diaphragm Pump	
APA/006	PeraSpray™ Retractable Coil	
APA/002	PeraSpray™ Applicator	
APA/020	PeraSpray™ Nozzle and Shield Assembly	
ATS/405-PA	PeraSpray™ Control Valve Assembly	
ATS/445-PA	PeraSpray™ Diaphragm Pump Inlet Valve Fine Thread	
ATS/446-PA	PeraSpray™ Diaphragm Pump Outlet Valve Coarse Thread	
APA/015	PeraSpray™ Solid Cone Nozzle with replacement 'O'-Ring	
AAF/017	PeraSpray™ Applicator Hanging Hook	
APA/008	PeraSpray™ Nozzle 'O'-Rings for Spray Nozzle (pack of 10)	
ATS/461-PA	PeraSpray™ Applicator Connector	

The above spares are specific to the PeraSpray™. For non-specific spares parts please see pages 22-25.

## Teat Dip Cups



Ambic has quite simply the largest range of Dip Cups available to suit the full range of udder health chemicals on the market and to cater for a variety of demanding dairy hygiene applications.

### Choose the right Dip Cup for your application

Use the chart below to identify which Ambic Dip Cup best suits your needs.

Model/Feature	Standard Dipper™	No. 1 Non Return™	MiniDipper™	TwinDipper™	TwinDipper™ Plus	UniDipper™	FoamDipper™	MultiFoamer™	MultiFoamer™ Plus
Non Return		✓	✓	✓	✓	✓			
Standard Dip	✓	✓	✓			✓			
Barrier Dips				✓	✓	✓			
Foaming Dips							✓	✓	✓
15ml Cup Size			✓						
30ml Cup Size	✓	✓		✓	✓	✓			
Cows	✓	✓	✓	✓	✓	✓	✓	✓	✓
Goats						✓			
Sheep						✓			
Small Teated Animals			✓						



### Teat Dip Bottles, Caps and Bases



ADC/105  
Dip Cup Bottle and Cap



ADC/107  
Dip Cup Base



ADC/106  
Dip Cup Cap

## Original No.1 Non Return DipCup™

The Ambic Non Return DipCup™ (part number ADC/120) was developed from the pioneering StandardDipper™ to become the No.1 selling Dip Cup in the world. The innovative non return design ensures clean, full strength chemical for your cows' teats. Contaminated chemical cannot get back to the reservoir bottle.

- Incorporates the original design features of the StandardDipper™
- Non return design prevents contaminated chemical returning to Dip Cup bottle
- Clean, full strength chemical for each cow's teats
- Specially designed splash-proof lip and overflow chamber to reduce spillage and overflow
- Soft squeeze bottle for ease of use
- 30ml Dip Cup capacity
- Available in a range of colours for pre- and post- dipping applications
- Convenient belt hook
- Legendary Ambic quality



ADC/120  
Non Return DipCup™

## StandardDipper™

The StandardDipper™ (part number ADC/100) was the world's very first Dip Cup, developed by Ambic in conjunction with the National Institute for Research in Dairying (NIRD). This pioneering work established the importance of post-milking teat disinfection in the control of mastitis.

- Large angled cup for easy application and maximum teat coverage
- Specially designed splash-proof lip to overflow chamber to reduce spillage and overflow
- Soft squeeze bottle for ease of use
- 30ml Dip Cup capacity
- Available in range of colours for pre- and post- dipping applications
- Convenient belt hook
- Legendary Ambic quality



ADC/100  
StandardDipper™

## TwinDipper™

— ideal for barrier dips —

An alternative version of the popular Original No. 1 Non Return DipCup™, the TwinDipper™ (part number ADC/120-TT) is designed for ease of application of thicker, barrier type or 'film forming' dips which have a higher viscosity.

- Two tubes provide the same volume of chemical for half the squeeze
- Non return design prevents contaminated chemical returning to Dip Cup bottle
- Clean, full strength chemical for each cow's teats
- Specially designed splash-proof lip and overflow chamber to reduce spillage and overflow
- Soft squeeze bottle for ease of use
- 30ml Dip Cup capacity
- Available in range of colours for pre- and post- dipping applications
- Convenient belt hook
- Legendary Ambic quality



ADC/120-TT  
TwinDipper™



## TwinDipper<sup>Plus</sup>

— ideal for the **thickest** barrier dips —

An enhanced version of the TwinDipper™ Dip Cup designed to handle the thickest of barrier dips.

In addition to the features of the TwinDipper™, the TwinDipper Plus™ (part number ADC/123-TT) also has:

- Larger bore inlet nozzles to speed the transfer of teat dip to the Dip Cup insert
- A special non return valve built into the Dip Cup to speed the recovery of the Dip Cup bottle after it has been squeezed to apply teat dip



ADC/123-TT  
TwinDipper Plus™

## MiniDipper™

An alternative version of the popular Original No.1 Non Return DipCup™, the MiniDipper™ (part number ADC/125) has a 15ml Dip Cup capacity to suit smaller teated animals.

- Non return design prevents contaminated chemical returning to the Dip Cup bottle
- Clean, full strength chemical for each cow's teats
- Specially designed splash-proof lip and overflow chamber to reduce spillage and overflow
- Soft squeeze bottle for ease of use
- 15ml Dip Cup capacity
- Available in range of colours for pre- and post- dipping applications
- Convenient belt hook
- Legendary Ambic quality



ADC/125  
MiniDipper™

## UniDipper™

The Ambic UniDipper™ (part number ADC/160) 'low profile' Dip Cup design makes it suitable for dipping cow, goat and sheep teats. It is also ideal for dairy farmers who prefer a 'side action' dipping routine, such as when dipping in a stanchion barn.

- First fully non return lateral Dip Cup
- Unique patented DipWell™ chemical reservoir and anti-drip lip to prevent chemical spillage (patent pending\*)
- Easily converted from single to twin tube version to suit all teat dip types, including thicker barrier dips
- Ergonomic design for easy 'side action' dipping
- Handy belt hook
- Available in a range of colours - ideal for pre- and post- dipping
- Legendary Ambic quality



ADC/160  
UniDipper™

## NEW MultiFoamer™ Plus

The Ambic MultiFoamer™ Plus (part number ADC/153) is an enhanced version of the innovative, patented MultiFoamer™ Foaming Dip Cup. This version includes the facility to vary the ratio of air to chemical, allowing the foaming dip cup to be adjusted to suit the individual requirements of the foaming chemical being used and thus to optimise the quality of foam applied to the cow's teats.

A set of three different screw-in air regulators are supplied to vary the ratio of air to chemical:

- White (8 air channels) – standard foam
- Grey (7 air channels) – approx. 40% wetter foam
- Black (9 air channels) – approx. 40% drier foam

The MultiFoamer™ Plus differs from the original MultiFoamer™ in that it comprises a combination of two woven meshes for primary foam generation and a third stainless steel mesh welded into the body of the dip cup which optimises the foam structure in the final foam formation phase.

The MultiFoamer™ Plus retains all the key features of the original MultiFoamer™

- Easy squeeze action for rapid and consistent foam generation
- Built-in valve protection system with filtered air supply to prevent clogging
- Easy to dismantle for rapid cleaning
- Available in a range of colours – ideal for pre- and post- disinfection
- Legendary Ambic quality

Spares available

- ADC/154-B MultiFoamer™ Plus service pack (dust cap and 2 filter meshes)
- ADC/152-B MultiFoamer™ Plus screw plug assembly (White - 8 Air Channels - Standard Foam)
- ADC/155 MultiFoamer™ Plus screw plug assembly (Grey - 7 Air Channels - 40% Wetter Foam)
- ADC/156 MultiFoamer™ Plus screw plug assembly (Black - 9 Air Channels - 40% Dryer Foam)



ADC/152-B  
Screw Plug Assembly



ADC/155  
Screw Plug Assembly



ADC/156  
Screw Plug Assembly



ADC/154-B  
Dust Cap and Two Meshes - Blue



ADC/153  
MultiFoamer™ Plus

## MultiFoamer™

The Ambic MultiFoamer™ foaming Dip Cup (part number ADC/150) is designed for fast, easy and accurate application of foaming teat disinfectants using a unique, patented system of foam generation to meet the requirements of different foaming chemicals.

- Easy squeeze action for rapid and consistent foam generation
- Built-in valve protection system with filtered air supply to prevent clogging
- Unique system of foaming meshes for optimum foam consistency
- Easy to dismantle for rapid cleaning
- Range of valve inserts to suit different chemicals
- Available in range of colours - ideal for pre- and post- disinfection
- Legendary Ambic quality

Spares available

- ADC/151-B MultiFoamer™ service pack (dust cap and 3 filter meshes)
- ADC/152-B MultiFoamer™ screw plug assembly



ADC/150  
MultiFoamer™

## FoamDipper™

The Ambic FoamDipper™ (part number ADC/130) uses a special foaming insert which sits in the Dip Cup reservoir. It generates foam as the Dip Cup is squeezed and rises to fill the Dip Cup chamber with foam.

- Easy squeeze action for rapid and consistent foam generation
- Can be dismantled for cleaning
- Available in a range of colours
- Convenient belt hook
- Legendary Ambic quality



ADC/131  
Foaming Lantern



ADC/130  
FoamDipper™

## Spare Dip Cup Bottle

The Ambic Dip Cup Bottle (part number ADC/101) is available as a Spare Part to fit all types of Ambic Dip Cup.



ADC/101  
Spare Bottle

## Teat Dip Cups

### Ordering Information

#### Teat Dip Cups

Part No*	Description
ADC/100	StandardDipper™
ADC/120	Original No. 1 Non Return DipCup™
ADC/120-TT	TwinDipper™
ADC/123-TT	TwinDipper Plus™
ADC/125	MiniDipper™
ADC/130	FoamDipper™
ADC/131	Foaming Lantern for ADC/130 FoamDipper™
ADC/150	MultiFoamer™
ADC/153	MultiFoamer™Plus
ADC/151-B	MultiFoamer™ service pack (dust cap and 3 filter meshes)
ADC/154-B	MultiFoamer™Plus (dust cap and 2 filter meshes)
ADC/152-B	MultiFoamer™/MultiFoamer™Plus screw plug assembly (White - 8 Air Channels - Standard Foam)
ADC/155	MultiFoamer™/MultiFoamer™Plus screw plug assembly (Grey - 7 Air Channels - 40% Wetter Foam)
ADC/156	MultiFoamer™/MultiFoamer™Plus screw plug assembly (Black - 9 Air Channels - 40% Dryer Foam)
ADC/160	UniDipper™
ADC/101	Dip Cup Bottle Only
ADC/105	Dip Cup Bottle and Cap (available in blue, yellow, green, orange, red, black and white)*
ADC/106	Dip Cup Cap (available in blue, yellow, green, orange, red, black and white)*
ADC/107	Dip Cup Base (available in blue, yellow, green, orange, red, black and white)*

\*Please state colour when ordering

## DipMizer™

- The traditional Dip Cup applies teat dip by immersing the teat in chemical and coating it with teat dip. Adding the DipMizer™ device adds a 'sweeping' step to the dipping routine in order to remove excess chemical from the cow's teat as it is withdrawn from the Dip Cup – saving you money on unnecessary teat dip consumption.
- Removing too much teat dip can be counter-productive in that udder health could be compromised by leaving too little coating on the teat. The DipMizer™ is designed with special bristles that remove just enough chemical, but not too much, so that the teat is well protected. Always remove the DipMizer™ brush attachment at the end of milking and sanitise it in a cleaning solution to reduce the risk of contamination. Use a fresh clean brush attachment for each milking as recommended in an evaluation study undertaken by the Institute for Animal Health, Compton, United Kingdom.
- The DipMizer™ can be attached to all Ambic Dip Cups except the MultiFoamer™ Plus, MultiFoamer™ and FoamDipper™.



### Dip Cups compatible with the DipMizer™

Standard Dipper™	No. 1 Non Return™	MiniDipper™	TwinDipper™	TwinDipper™ Plus	UniDipper™	FoamDipper™	MultiFoamer™	MultiFoamer™ Plus
✓	✓	✓	✓	✓	✓			

### Ordering Information

#### DipMizer™

Part No*	Description	Colour
ADM/101-B	DipMizer™ (single pack)	Blue
ADM/101-G	DipMizer™ (single pack)	Green
ADM/101-Y	DipMizer™ (single pack)	Yellow
ADM/101-O	DipMizer™ (single pack)	Orange
ADM/103-B	DipMizer™ (pack of 3)	Blue
ADM/103-G	DipMizer™ (pack of 3)	Green
ADM/103-Y	DipMizer™ (pack of 3)	Yellow
ADM/103-O	DipMizer™ (pack of 3)	Orange
ADM/030-5	DipMizer™ brush only (pack of 5)	



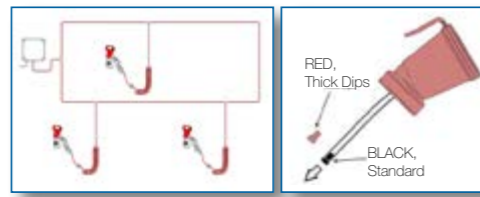
\*Please state which colour when ordering

## MultiDipper™

Semi-automated teat dipping system - ideal for dispensing thicker, barrier type teat dips.

MultiDipper™ is a semi-automated teat dipping system designed to take the effort out of teat dipping. No more time consuming and tiring squeezing of Dip Cup bottles during milking.

- Particularly suitable for thicker, barrier type teat dips which require more manual effort to dispense
- Adjustable to dispense both conventional teat dips and thicker, barrier type teat dips using easy-fit restrictors
- Uses mains powered power unit to generate low pressure compressed air to supply teat dip to teat dip applicators
- Alternative pneumatic version available for farms equipped with compressed air



MultiDipper™ Diagrammatic Layout      Easy-Fit Restrictors to Control Flow Rate

### Ordering Information

**MultiDipper™**

Part No	Description	Image
MD/001-UK	MultiDipper™ Complete - Electric	
MD/300	MultiDipper™ Complete - Pneumatic	
MD/002	MultiDipper™ Power Unit - Electric	
MD/302	MultiDipper™ Power Unit - Pneumatic	
FND/014D	MultiDipper™ Extension Kit	
FND/004	MultiDipper™ Applicator Only	
FND/007	MultiDipper™ Applicator and Gun	
APF/002	MultiDipper™ Gun	
FND/406-R	MultiDipper™ Coil	
APF/016	MultiDipper™ Pressure Switch Kit	

## EasiDipper™

Designed to combine the accuracy of dipping with the speed of spraying for a fast, reliable and cost effective means of pre- and post-teat sanitization.

- Better teat coverage than spraying
- No more manual filling of Dip Cups
- Less chemical consumption than spraying
- Quicker than manual dipping

Whilst teat dipping generally achieves better teat coverage with a lower level of chemical consumption and requires less operator skill compared with teat spraying, it has the disadvantage of being a slower, more laborious process, which often slows down milking and adds to overall labour cost.

The EasiDipper™ system is designed to combine the accuracy of teat dipping with the speed of teat spraying to give you the best of both worlds!

Suitable for most chemicals (see Viton model for Chlorine Dioxide and Lactic Acid applications on page 38).

See also New OptiFlow™ Teat Dipping System for High Viscosity Teat Dip Chemicals on page 39.



EasiDipper™ System



EasiDipper™ Applicator


### Ordering Information

**EasiDipper™ Systems**

Part No*	Description	Colour*	Image
AED/4000 AED/4000-Y	EasiDipper™ System with 3 Applicators (Lever Gun Style)	Blue Yellow	
AED/5000	EasiDipper™ System with 3 Applicators (Button Gun Style)	Blue	






\* Please state which colour when ordering

### EasiDipper™ Spares

Part No*	Description	Colour*	Image
AED/4001 AED/4001-Y	EasiDipper™ Power Unit	Blue Yellow	
AED/2004	EasiDipper™ Diaphragm Pump Complete		
AED/4016	EasiDipper™ Adjustable Pressure Module		
AED/4446	EasiDipper™ Pump Inlet and Outlet Non Return Valve Kit (pack of 2)		
AED/014 AED/014-Y	EasiDipper™ Extension Kit (Lever Gun Style)	Blue Yellow	
AED/4019 AED/4019-Y	EasiDipper™ Conversion Kit with 3 Applicators to convert from JetStream™ Teat Spray System (Lever Gun Style)	Blue Yellow	
AED/4004 AED/4004-Y	EasiDipper™ Applicator Only (Lever Gun Style)	Blue Yellow	

\* Please state which colour when ordering

### EasiDipper™ Spares (continued)

Part No	Description	Colour*	Image
AED/014-BG	EasiDipper™ Extension Kit (Button Gun Style)	Blue	
AED/5019	EasiDipper™ Conversion Kit with 3 Applicators (Button Gun Style)	Blue	
AED/5004	EasiDipper™ Applicator (Button Gun Style)	Blue	
AED/4006 AED/4006-Y	EasiDipper™ Applicator Top	Blue Yellow	
AED/4018	EasiDipper™ Applicator Tube Connector		

The above spares are specific to the EasiDipper™. For non-specific spares parts please see pages 22-25.

## EasiDipper™ (Viton Version)

For Chlorine Dioxide and Lactic Acid based teat dip chemicals we recommend EasiDipper™ systems equipped with special Viton diaphragms.

### Ordering Information

#### EasiDipper™ Systems and Spares

Part No*	Description	Colour	Image
AED/4000-V AED/4000-V-Y	EasiDipper™ System with 3 Applicators - Viton Seals (lever gun style)	Blue Yellow	
AED/5000-V	EasiDipper™ System with 3 Applicators - Viton Seals (button gun style)	Blue	
AED/4001-V AED/4001-V-Y	EasiDipper™ Power Unit - Viton Version	Blue Yellow	
AED/2004-V	EasiDipper™ Diaphragm Pump Complete - Viton Version		
AED/4016-V	EasiDipper™ Adjustable Pressure Module - Viton Version		
AED/4019-V AED/4019-V-Y	EasiDipper™ Conversion Kit with 3 Applicators - Viton Version (lever gun style)	Blue Yellow	
AED/5019-V	EasiDipper™ Conversion Kit with 3 Applicators - Viton Version (button gun style)	Blue	

\* Please state which colour when ordering

## NEW OptiFlow™

Dipping System for High Viscosity Teat Dip Chemicals

The OptiFlow™ is a new, high performance Power Unit which is an upgraded version of the well tried and tested JetStream™ Power Unit that has been used for many years to power Ambic's extensive range of teat spray systems.

The OptiFlow™ Power Unit has been designed to deliver the higher level of performance required to cater for automated teat dipping applications where higher viscosity teat sanitisation chemicals are dispensed.





The OptiFlow™ Pump Assembly comprises a new design for the Pump Heads which incorporates new, larger bore positive action Non-Return Valve assemblies designed to handle the flow requirements of higher viscosity chemicals.

The OptiFlow™ Power Unit is one of a new generation of products in the Opti-Range™ which includes the new OptiDipper™ and OptiSprayer™ applicator ranges as well as a range of large bore delivery line fittings.



### Ordering Information







#### OptiFlow™ Systems

Part No	Description	Colour	Applicator Type
AOFL/6000-V-TL	OptiFlow™ System with 3 OptiDipper™ Standard Applicators - Top Load	Blue	
AOFL/6000E-V-TL	OptiFlow™ System with 3 OptiDipper™ Extended Applicators - Top Load	Blue	
AOFL/6000-V-BL	OptiFlow™ System with 3 OptiDipper™ Standard Applicators - Bottom Load	Blue	
AOFL/6000E-V-BL	OptiFlow™ System with 3 OptiDipper™ Extended Applicators - Bottom Load	Blue	

## NEW OptiDipper™ Extension Kits and Applicators

### Ordering Information

#### OptiDipper™ Extension Kits and Guns

Part No	Description	Gun Type	Operation	Lance
AOD/014-TL	OptiDipper™ Top Load Extension Kit with AOD/4004-TL Standard Applicator		Trigger	Stainless Steel Standard (16cm)
AOFL/014-TL	OptiFlow™ Version			
AOD/014E-TL	OptiDipper™ Top Load Extension Kit with AOD/4004E-TL Extended Applicator		Trigger	Stainless Steel Extended (25cm)
AOFL/014E-TL	OptiFlow™ Version			
AOD/014-BL	OptiDipper™ Bottom Load Extension Kit with AOD/4004-BL Standard Applicator		Trigger	Stainless Steel Standard (16cm)
AOFL/014-BL	OptiFlow™ Version			
AOD/014E-BL	OptiDipper™ Bottom Load Extension Kit with AOD/4004E-BL Extended Applicator		Trigger	Stainless Steel Extended (25cm)
AOFL/014E-BL	OptiFlow™ Version			
AOD/4004-TL	OptiDipper™ Top Load Standard Applicator		Trigger	Stainless Steel Standard (16cm)
AOD/4004E-TL	OptiDipper™ Top Load Extended Applicator		Trigger	Stainless Steel Extended (25cm)
AOD/4004-BL	OptiDipper™ Bottom Load Standard Applicator		Trigger	Stainless Steel Standard (16cm)
AOD/4004-BL	OptiDipper™ Bottom Load Standard Applicator		Trigger	Stainless Steel Extended (25cm)

## NEW OptiFlow™ / OptiDipper™ Spares

### Ordering Information

#### OptiDipper™ Spares

Part No	Description	Image
AOFL/6001-V	OptiFlow™ Power Unit	
AOFL/2004-V	OptiFlow™ Diaphragm Pump	
AOD/4006	OptiDipper™ Standard Lance	
AOD/4006E	OptiDipper™ Extended Lance	
ATS/406	Retractable Coil – Blue	
RDC/105	OptiDipper™ SplashGard	
RDC/200	OptiDipper™ Xtra-Dip Adaptor	
AOD/506-0.6	OptiDipper™ Restrictor Used to reduce the chemical flow to a minimum flow (Pack of 3)	
AOD/506-0.8	OptiDipper™ Restrictor Used to reduce the chemical flow to a medium flow (Pack of 3)	

For other OptiFoamer™ / OptiDipper™ Spares see pages 12 and 18 to 20.

## NEW OptiFlow™

Dipping System for High Viscosity Teat Dip Chemicals

## Large Bore Distribution Line Fittings

A comprehensive range of large bore tubing and fittings is now available, which can be used to increase the capacity of the distribution line in order to improve the performance of teat spray and teat dipping systems.

The new fittings are compatible with existing Ambic teat spray system distribution line spares, using a new ATS converter fitting ALB/424. They are quick and easy to fit using the AmbiSpanner™ AJS/2055.

The larger distribution line offers the following benefits:

- Improved chemical throughput
- Reduced pressure drop to maintain performance level
- Better handling of thicker, high viscosity chemicals



Exploded View of Large Bore Fittings Range

## NEW OptiFlow™

Dipping System for High Viscosity Teat Dip Chemicals

### Large Bore Distribution Line Fittings

Part No	Description	Image
ALB/407	OptiFlow™ Large Bore T Connector with Nuts	
ALB/408	OptiFlow™ Large Bore Straight Connector with Nuts (pack of 2)	
ALB/409	OptiFlow™ Large Bore Connector Nuts (pack of 6)	
ALB/436	OptiFlow™ Large Bore Pressure Bottle	
ALB/410	OptiFlow™ Large Bore Tubing - 6m	
ALB/423	OptiFlow™ Large Bore Connector Ferrule, 'O' Ring and Starlock Kit (pack of 2)	
ALB/424	OptiFlow™ Large Bore Connector ATS Converter	
ALB/428	OptiFlow™ Large Bore Tubing - 30m	
ALB/429	OptiFlow™ Large Bore Connector Blanking Plugs (pack of 2)	
ALB/434	OptiFlow™ Large Bore Elbow Connector with Nuts (pack of 2)	
ALB/437	OptiFlow™ Large Bore Connector P Clip (pack of 4)	

## EasiFoamer™



EasiFoamer™



EasiFoamer™ Meshes



The Ambic EasiFoamer™ is an upgraded and enhanced version of the successful AutoFoamer™. Like its predecessor the EasiFoamer™ fully automates the process of foam generation to provide dairy farmers with a constant supply of optimum foam quality for pre-milking teat preparation or post-milking teat sanitisation depending on the chemical type being used.

### Features

- Handy dropper kit with a specially designed lance for speed of foam application
- Minimises labour – no more manual filling of foaming dip cups; no more squeezing of dip cup bottles to generate foam
- Requires minimal compressed air source to operate
- Includes patented system of foaming meshes to generate optimum quality foam
- Applies just the right amount of chemical to the teat
- Single paper towel wipe required to remove chemical before applying cups
- Applicator is easy to dismantle for quick and easy cleaning
- Expandable to fit the largest milking parlours
- Easy to adjust chemical and airflow to achieve optimum foam quality; includes twin pump calibration facility for two part chemicals
- Keypad operation with display screen for easy set up and adjustment
- Data recording facility to monitor run time and accumulated dose consumption
- Prime facility for easy start up and easy refreshing of chemical
- Includes optional low level alarm feature to warn when chemical level is low when used with optional float switch assembly

### Ordering Information

#### EasiFoamer™ Systems




Part No	Description	Image
AEF/001	EasiFoamer™ Kit – Single Pump with One Applicator Kit includes: <ul style="list-style-type: none"> <li>• EasiFoamer™ Power Unit (single pump)</li> <li>• EasiFoamer™ Regulator (AAF/005)</li> <li>• Extension Kit (AAF/014)</li> <li>• 30m Black Air Distribution Line (AAF/028)</li> <li>• 30m Blue Chemical Distribution Line (AAF/029-N)</li> <li>• 2 each Elbows, Straights &amp; T Connectors</li> <li>• 20 Twin Tube Support Guides &amp; Cable Ties</li> </ul>	
AEF/001-2	EasiFoamer™ Kit – Single Pump with Two Applicators Kit includes: <ul style="list-style-type: none"> <li>• EasiFoamer™ Power Unit (single pump)</li> <li>• EasiFoamer™ Regulator (AAF/005)</li> <li>• 2 Extension Kits (AAF/014)</li> <li>• 30m Black Air Distribution Line (AAF/028)</li> <li>• 30m Blue Chemical Distribution Line (AAF/029-N)</li> <li>• 2 each Elbows, Straights &amp; T Connectors</li> <li>• 20 Twin Tube Support Guides &amp; Cable Ties</li> </ul>	

## Ordering Information

### EasiFoamer™ Systems

Part No	Description	Image
AEF/002	EasiFoamer™ Kit – Twin Pump with One Applicator Kit includes: <ul style="list-style-type: none"> <li>• EasiFoamer™ Power Unit (twin pump)</li> <li>• EasiFoamer™ Regulator (AAF/005)</li> <li>• Extension Kit (AAF/014)</li> <li>• 30m Black Air Distribution Line (AAF/028)</li> <li>• 30m Blue Chemical Distribution Line (AAF/029-N)</li> <li>• 2 each Elbows, Straights &amp; T Connectors</li> <li>• 20 Twin Tube Support Guides &amp; Cable Ties</li> </ul>	
AEF/002-2	EasiFoamer™ Kit – Twin Pump with Two Applicators Kit includes: <ul style="list-style-type: none"> <li>• EasiFoamer™ Power Unit (twin pump)</li> <li>• EasiFoamer™ Regulator (AAF/005)</li> <li>• 2 Extension Kits (AAF/014)</li> <li>• 30m Black Air Distribution Line (AAF/028)</li> <li>• 30m Blue Chemical Distribution Line (AAF/029-N)</li> <li>• 2 each Elbows, Straights &amp; T Connectors</li> <li>• 20 Twin Tube Support Guides &amp; Cable Ties</li> </ul>	

### EasiFoamer™ Spares




Part No	Description	Image
AEF/003	EasiFoamer™ Power Unit (single pump)	
AEF/003-2	EasiFoamer™ Power Unit (twin pump)	
AEF/001-100	EasiFoamer™ Replacement PCB for EasiFoamer™ Power Unit	

### EasiFoamer™ Spares



Part No	Description	Image
ALP/101	EasiFoamer™ Replacement Peristaltic Pump Tube for Single Pump Unit with Silicone Grease	
ALP/101-2	EasiFoamer™ Replacement Peristaltic Pump Tube Set for Twin Pump Unit with Silicone Grease	
ALP/100-12	EasiFoamer™ Peristaltic Pump Motor and Gear Box Assembly for: AEF/001 Single Pump Unit Complete AEF/002 Twin Pump Unit Complete AEF/003 Single Pump Power Unit AEF/003-2 Twin Pump Power Unit	
ALP/103-C	EasiFoamer™ Peristaltic Pump Block Assembly for AEF/001 Single Pump and AEF/002 Twin Pump Units	
ALP/102	EasiFoamer™ Peristaltic Pump Spinner Assembly for AEF/001 Single Pump and AEF/002 Twin Pump Units	
ALP/115	EasiFoamer™ Silicone Grease (Required when replacing Peristaltic Pump Tubes ALP/101 and ALP/101-2)	
AFF/500-35-10	EasiFoamer™ 35cm Low Level Alarm Float Switch Assembly for 5-10 Litre Container	
AFF/500-50-10	EasiFoamer™ 50cm Low Level Alarm Float Switch Assembly for 20-25 Litre Container	
AFF/500-75-10	EasiFoamer™ 75cm Low Level Alarm Float Switch Assembly for 50-60 Litre Container	
AFF/500-110-10	EasiFoamer™ 110cm Low Level Alarm Float Switch Assembly for 200 Litre Containers / IBC	



### EasiFoamer™ Spares

Part No	Description	Image
AEF/012	EasiFoamer™ Remote Pressure Switch Kit	
AEF/301	EasiFoamer™ Replacement Peristaltic Pump for Single and Twin Versions	
AEF/038	EasiFoamer™ Inline Filter for Non Return Valve	

### EasiFoamer™ & AutoFoamer™ Universal Spares

Part No	Description	Image
AAF/005	EasiFoamer™ & AutoFoamer™ Compressed Air Regulator	
AAF/014	EasiFoamer™ & AutoFoamer™ Extension Kit. Kit includes: <ul style="list-style-type: none"> <li>• EasiFoamer™ Coil with Manifold (AAF/006)</li> <li>• EasiFoamer™ Lance Assembly (AAF/004)</li> <li>• EasiFoamer™ Dropper Support Bracket (AAF/018)</li> <li>• AutoFoamer™ Applicator Hanging Hook (AAF/017)</li> <li>• Cable Ties</li> <li>• 2 Non Return Valves with T's and Plugs</li> </ul>	
AAF/004	EasiFoamer™ & AutoFoamer™ Lance Assembly	

### EasiFoamer™ & AutoFoamer™ Universal Spares

Part No	Description	Image
AAF/006	EasiFoamer™ & AutoFoamer™ Coil with Manifold	
AAF/007	EasiFoamer™ & AutoFoamer™ Filter Disk Pack	
AAF/008	EasiFoamer™ & AutoFoamer™ 'O'-Ring Pack (3 x large - filter disk; 3 x small - manifold)	
AAF/011	EasiFoamer™ & AutoFoamer™ Pressure Bottle Assembly	
AAF/013	EasiFoamer™ & AutoFoamer™ Pressure Switch	
AAF/015	EasiFoamer™ & AutoFoamer™ Trigger Valve Kit for Applicator	
AAF/016	EasiFoamer™ & AutoFoamer™ Manifold Repair Kit	
AAF/017	EasiFoamer™ & AutoFoamer™ Applicator Hanging Hook (including cable ties)	

## EasiFoamer™ & AutoFoamer™ Universal Spares

Part No	Description	Image
AAF/018	EasiFoamer™ & AutoFoamer™ Dropper Support Bracket	
AAF/019	EasiFoamer™ & AutoFoamer™ T Connector (twin pack)	
AAF/020	EasiFoamer™ & AutoFoamer™ Straight Connectors with End Plugs (pack of 2)	
AAF/021	EasiFoamer™ & AutoFoamer™ Elbow Connectors (twin pack)	
AAF/024	EasiFoamer™ & AutoFoamer™ End Plugs (pack of 4)	
AAF/028	EasiFoamer™ & AutoFoamer™ Black Air Distribution Line (30m)	
AAF/029 -N	EasiFoamer™ & AutoFoamer™ Blue Chemical Distribution Line (30m)	
AAF/030-10	EasiFoamer™ & AutoFoamer™ Twin Tube Support Guide (pack of 10)	
AAF/037	EasiFoamer™ & AutoFoamer™ Non Return Valve (pack of 2)	

## AutoFoamer™ Only Spares

Part No	Description	Image
AAF/012	AutoFoamer™ Remote Pressure Switch Conversion Kit	
AAF/036	AutoFoamer™ Remote Pressure Switch Voltage Reduction Board	
AAF/022	AutoFoamer™ Pump Tube Set - Single Pump	
AAF/023	AutoFoamer™ Pump Tube Set - Twin Pump	
AAF/025	AutoFoamer™ Transparent Pump Cover and Back Plate	
AAF/301	Peristaltic Pump for AAF/001 Single Pump Version for AutoFoamer™ (with 2-roller rotor and 4.8mm bore tube)	
AAF/302	Peristaltic Pump for AAF/002 Twin Pump Version for AutoFoamer™ (with 2-roller rotor and 3.2mm bore tube )	
AAF/303	AutoFoamer™ Roller Assembly	

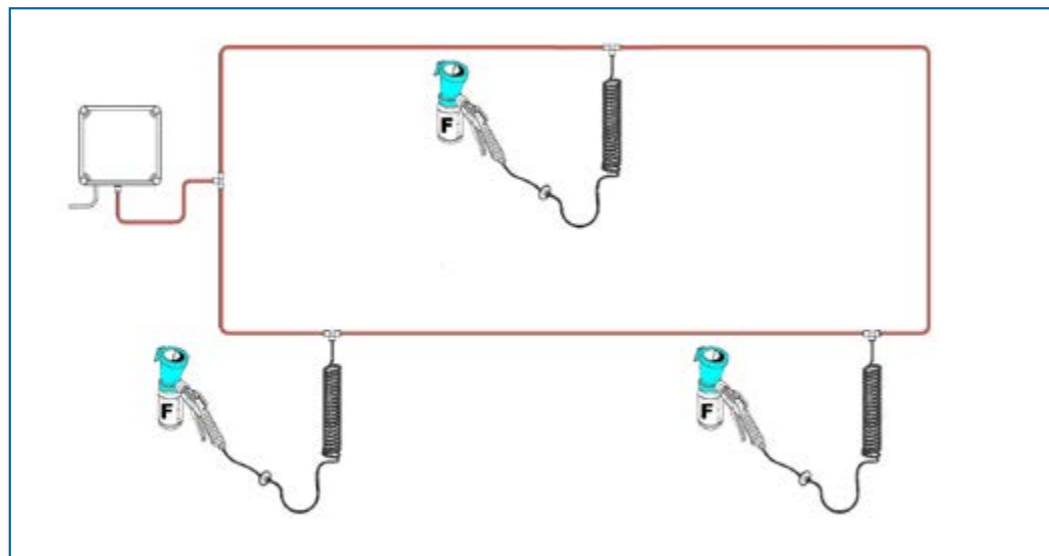
## PowerFoamer™

System available as a pneumatic version that uses existing on-farm air supply or an electric version with built in air pump.

- Simply squeeze trigger for instant foam production
- Consistent foam density to ensure complete teat coverage
- One refill of the applicator is sufficient to treat 100 cows
- Expandable for even the largest parlours
- Ultra low pressure system for economy and safety
- Easy to install with push-in fittings
- Comprehensive range of spare parts and extension kits available
- Manufactured from the highest quality chemical resistant materials



Electric PowerFoamer™



PowerFoamer™ Diagrammatic Layout

## Ordering Information

### Electric PowerFoamer™

Part No	Description	Image
APF/001	Electric PowerFoamer™ System Complete System includes: • Power Unit • 3 Applicators with Drop Coil • 30m LDPE Tubing • 3 Extra Bottles with Caps • Rawlplugs and Screws • Pressure Switch	
APF/009	PowerFoamer™ Electric Power Unit Only	
APF/030	PowerFoamer™ Foam Applicator for Electric Version	
APF/014	PowerFoamer™ Extension Kit for Electric Version	
APF/016	PowerFoamer™ Pressure Switch Kit	

### Pneumatic PowerFoamer™

Part No	Description	Image
APF/300	Pneumatic PowerFoamer™ System Complete System includes: • Air Regulator • 3 Applicators with Drop Coil • 30m LDPE Tubing • 3 Extra Bottles with Caps • Rawlplugs and Screws	
APF/005	PowerFoamer™ Pneumatic Case & Regulator Assembly	
APF/040	PowerFoamer™ Foam Applicator for Pneumatic Version	
APF/314	PowerFoamer™ Extension Kit for Pneumatic Version	

**PowerFoamer™ Spares (Electric and Pneumatic)**

Part No	Description	Image
APF/002	PowerFoamer™ Gun	
APF/010	PowerFoamer™ Extra Tubing (10m)	
APF/028	PowerFoamer™ Extra Tubing (30m)	
APF/006-50	PowerFoamer™ Applicator Coil (50 turns)	
APF/006-75	PowerFoamer™ Applicator Coil (75 turns)	
APF/007	PowerFoamer™ T Connector	
APF/408	PowerFoamer™ Straight Connectors (pack of 2)	
APF/011	PowerFoamer™ 'O'-Ring Set (pack of 3)	
APF/131	PowerFoamer™ Foam Head for Applicator	
ADC/101	PowerFoamer™ Bottle Only	

## Foam'n'Dip™

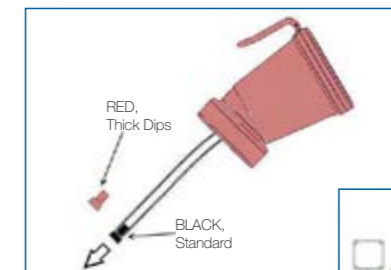
Integrated Pre- and Post- Teat Sanitisation System



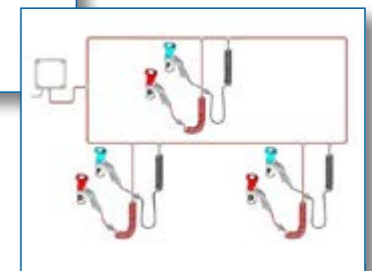
Foam'n'Dip™ is a simple, economical and yet highly effective dual purpose teat sanitisation system which generates low pressure compressed air to automate both pre- and post- teat sanitisation processes. The system comprises a mains operated dual purpose Air Power Unit which is used to operate a combination of Foam Applicators for pre-milking treatment and Dip Applicators for post-milking teat sanitisation.

The Foam Applicators are based on Ambic's renowned PowerFoamer™ technology which is used to generate foam of optimum consistency for effective pre-milking teat preparation.

The Dip Applicators are adjustable to dispense both conventional teat dips and thicker, barrier-type teat dips at the appropriate rate for easy and effective post-milking teat sanitisation by using easy-fit restrictors.





Easy-Fit Restrictors to Control Flow Rate
















Foam'n'Dip™ Diagrammatic Layout

### Ordering Information

**Foam'n'Dip™**

Part No	Description	Image
FND/001	Foam'n'Dip™ System Complete - Electric Version System includes: <ul style="list-style-type: none"> <li>• Electric Power Unit</li> <li>• 3 Foam Applicators with Drop Coil</li> <li>• 3 Dip Applicators with Drop Coil</li> <li>• Restrictors for Normal and Barrier dips</li> <li>• 30m LDPE Tubing</li> <li>• 6 Extra Bottles with Caps</li> <li>• Rawlplugs and Screws</li> <li>• Pressure Switch Kit</li> </ul>	
FND/300	Foam'n'Dip™ System Complete - Pneumatic Version System includes: <ul style="list-style-type: none"> <li>• Pneumatic Power Unit</li> <li>• 3 Foam Applicators with Drop Coil</li> <li>• 3 Dip Applicators with Drop Coil</li> <li>• Restrictors for Normal and Barrier dips</li> <li>• 30m LDPE Tubing</li> <li>• 6 Extra Bottles with Caps</li> <li>• Rawlplugs and Screws</li> </ul>	

## Foam'n'Dip™

Part No	Description	Image
FND/002	Foam'n'Dip™ Power Unit - Electric Version	
FND/302	Foam'n'Dip™ Power Unit - Pneumatic Version	
FND/003	Foam'n'Dip™ Foam Applicator	
FND/004	Foam'n'Dip™ Dip Applicator	
APF/002	Foam'n'Dip™ Gun	
FND/006	Foam'n'Dip™ Foam Applicator with Gun	
FND/007	Foam'n'Dip™ Dip Applicator with Gun	
FND/014	Foam'n'Dip™ Extension Kit with Foam and Dip Applicators	
FND/014F	Foam'n'Dip™ Extension Kit with Foam Applicator	
FND/014D	Foam'n'Dip™ Extension Kit with Dip Applicator	
FND/406-BLK	Foam'n'Dip™ Coil - Black	
FND/406-R	Foam'n'Dip™ Coil - Red	
APF/016	Foam'n'Dip™ Pressure Switch Kit	

## MastitisDetectors

Ambic Vision MastitisDetectors are a simple, effective method of identifying mastitis clots during milking as an indicator of clinical mastitis. The Vision14 was the original MastitisDetector which was designed to fit 12-14mm id milk tube. The second generation Vision16 fits 14-16mm id milk tube.

- Guaranteed mastitis detection 365 days of the year
- Easily installed in minutes
- 100% mastitis detection during milking
- Simple visual check - spots clinical mastitis every time
- Food grade compliant



**AMBIC Vision16**  
16mm Mastitis Detector








**AMBIC Vision14**  
14mm Mastitis Detector








Mastitis Clots

## Ordering Information

### Vision16

Part No	Description	Image
AV/2001-16	Vision16 MastitisDetector (single pack)	
AV/2000-16	Vision16 MastitisDetector (pack of 4)	
AV/2002-16	Vision16 MastitisDetector Screen (pack of 2)	
AV/2003-16	Vision16 Transparent Body	
AV/2004-16	Vision16 Detector 'O'-Ring (pack of 6)	

### Vision14

Part No	Description	Image
AV/005-14	Vision14 MastitisDetector (single pack)	
AV/001-14	Vision14 MastitisDetector (pack of 4)	
AV/002-14	Vision14 MastitisDetector Screen (pack of 2)	
AV/006-14	Vision14 Transparent Body	
AV/003-14	Vision14 Detector 'O'-Ring (pack of 6)	

## StripCup

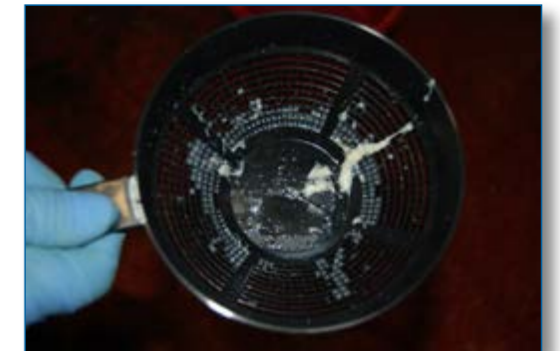
Foremilking is recommended by veterinarians around the world as the first step in identifying the presence of mastitis in cows. Moreover, it is a mandatory requirement in many countries!

Foremilking also forms an important and integral part of any comprehensive prepping routine. In addition to identifying mastitis it stimulates oxytocin release and assists the milk let-down reflex. Foremilking also helps remove bacteria from the teat canal.

The Ambic StripCup has been specially designed to provide high visibility of clots or other abnormalities in milk (such as blood) as well as minimising the risk of cross-contamination. Thanks to the unique anti-splash feature built into the StripCup screen, the risk of spreading pathogens associated with 'flat plate' Strip Cups can be reduced.



StripCup with Unique Anti-Splash Screen



Anti-Splash StripCup Screen



StripCup Identifies Mastitis

## Ordering Information

### StripCup

Part No	Description
ASC/700	StripCup

## MilkSampler

The Ambic MilkSampler is an invaluable herd management tool - it is ideal for checking the constituents of milk and somatic cell counts of individual cows or goats.\*

- Protein Analysis - improve the marketable quality of your milk
- Somatic Cell Count - universally recognised measure of milk quality
- Bactoscan - overall measurement of how hygienic your milk is
- Bacteriology - identify particular strains of problem bacteria
- Progesterone Diagnosis - identify when your cows are in heat
- Antibiotic Residue Testing - a safeguard for Farm Assurance Schemes
- MilkSampler is ideally suited to the new NMR Essential Sampling Service and comparable schemes outside the UK
- Now fitted with an ultrasonically-welded body cap and O-Ring which is suitable for use with back-flush systems



MilkSampler



MilkSampler in Use

\*The MilkSampler takes a small yet representative sample across the whole milking which is suitable for herd management purposes. However, it is not suitable for collecting a proportionate sample for butterfat sampling for official ICAR records.

It should be noted that the Ambic MilkSampler is a herd management tool, not a herd improvement tool.

## Ordering Information

### MilkSampler and Spares

Part No	Description	Image
AMS/200	MilkSampler Complete - Cows	
AMS/300	MilkSampler Complete - Goats	
AMS/202	MilkSampler Bottle (200ml) & Closure	
AMS/203	MilkSampler Sealing Cap	
AMS/204	MilkSampler Body & Sealing Cap with Ultrasonically-Welded Body Cap - Cows	
AMS/304	MilkSampler Body & Sealing Cap with Ultrasonically-Welded Body Cap - Goats	
AMS/205	MilkSampler Body Cap (pack of 5) - (pre July 2013 models)	
AMS/206	MilkSampler Bottle Adaptor Assembly	
AMS/207	MilkSampler Bottle Collar	
AMS/208	MilkSampler Bottle Collar & 'O'-Ring Spares Pack	
AMS/209	MilkSampler Bottle Closure	
AMS/210	MilkSampler Service Kit 1 x Sealing Cap AMS/203 1 x Bottle Closure AMS/209 1 x Bottle Collar AMS/208 2 x 'O'-Rings	
AMS/008	MilkSampler 'O'-Ring Spares Pack (set of 6 of each)	

## FlowFilter

The proven technology of the Ambic FlowFilter gives excellent milk filtration, without the inconvenience and cost of disposable milk socks.

- Twin stainless steel milk filters that won't rust or corrode
- Inner coarse filter of 154 microns
- Outer fine filter of 80 microns
- Improved case with slip resistant grips is virtually unbreakable
- Designed and manufactured from the highest quality chemical resistant materials
- Superior filter complies with BS 5190 and all EU standards
- Fully compatible with all milking systems
- Protects plate coolers from blockages
- Proven over 20 years of service
- Inlet/Outlet nipples 38/40mm (nominal) outside diameter
- Kit available with rubber reducing connectors to suit 32mm (nominal) outside diameter inless steel tubing
- Alternative model (AF/020) available with Tri-Clover Fittings
- Filters milk from typically 120 cows maximum (average soiling) at one milking





FlowFilter - Tri-Clover Version



FlowFilter - Rubber Connector Version

### Ordering Information

#### FlowFilter

Part No	Description	Image
AF/020	FlowFilter Complete - Tri-Clover Version (fittings not included)	
AF/110	FlowFilter Complete - Rubber Connector Version	

### Ordering Information

#### FlowFilter Spares

Part No	Description	Image
AF/001	Set of 'O'-Rings and Seals for FlowFilter	
AF/002	Pair of Filters for FlowFilter	
AF/005	Inner Filter for FlowFilter (154 microns)	
AF/006	Outer Filter for FlowFilter (80 microns)	
AF/008	Case Only for FlowFilter	
AF/009	Quick Release Tool for FlowFilter	
AF/011	Easy Fit Bottom Seal for FlowFilter	



**FlowFilter Spares (continued)**

Part No	Description	Image
AF/112	Connector Unit for FlowFilter - Rubber Connector Version	
AF/022	Connector Unit for FlowFilter - Tri-Clover Version (fittings not included)	
AP/022-S	40mm x 32mm Silicone Reducing Connector with 4 x Hose Clips. Suits 32mm (nominal) Outside Diameter Stainless Steel Tubing (pack of 2)	
AP/023-S	40mm x 40mm Silicone Connector for FlowFilter. Suits 40mm Outside Diameter Stainless Steel Tubing (pack of 2)	
AP/024	Hose Clips for FlowFilter (pack of 4)	

## QMI™ Quarter Milk Isolator

The QMI™ Quarter Milk Isolator is designed to isolate the milk of one quarter from the other three during milking. It is a useful device for managing milk quality, in cases where elevated somatic cell counts (SCC) are observed in one quarter. Isolating the milk from a high SCC quarter by using the Quarter Milk Isolator, can significantly lower the SCC in the bulk milk tank which can help yield higher milk premiums.

- Large 7.5L capacity
- Large 10cm (4") opening for ease of emptying and cleaning
- Heavy duty stainless steel bail holds lid in place
- 90 degree elbow allows easy connection of liner/inflation and facilitates good liner/inflation presentation for clean milk out.
- Large bore, flexible silicone rubber hoses make connection and manipulation easy



### Ordering Information

**Quarter Milk Isolator and Spares**

Part No	Description	Image
AQM/001	QMI™ Quarter Milk Isolator Complete	
AQM/002	QMI™ Quarter Milk Isolator Bowl	
AQM/003	QMI™ Quarter Milk Isolator Lid	
AQM/004	QMI™ Quarter Milk Isolator Gasket	
AQM/005	QMI™ Quarter Milk Isolator Silicone Rubber Hose 24" (61cm)	
AQM/006	QMI™ Quarter Milk Isolator Silicone Rubber Hose 26" (66cm)	
AQM/007	QMI™ Quarter Milk Isolator Silicone Rubber Hose Per Foot - 12" (Please state the length required in feet when ordering)	
AQM/008 AQM/008-14	QMI™ Quarter Milk Isolator Steel Elbow - 12mm QMI™ Quarter Milk Isolator Steel Elbow - 14mm	
AQM/009	QMI™ Quarter Milk Isolator Steel Bail	

## Dairy Accessories

Products that are available as accessories for the dairy parlour

### Ordering Information

#### Dairy Accessories

Part No	Description	Image
ATS/412-NR	Non Return Valve Intake Filter	
ATP/001	Blind Teat Plug	
AAF/017	Parlour Hanging Hook	
AAF/018	Dropper Support Bracket	
AAF/030-10	Flexible Tube Bracket (pack of 10)	
ADC/105	Chemical Sample Bottle and Cap	
AJS/2055	AmbiSpanner™ - to Speed up Installation and Service. The Only Tool you need to Install an Ambic Teat Spray System (apart from a drill and screwdriver)	


## Flash'n'Fill™ Low Level Alarm System



AFF/500  
Flash'n'Fill™ Float Switch Assembly



Flash'n'Fill™ Control Unit

Flash'n'Fill™ is a stand-alone electronic warning device which operates in conjunction with float switch(es) assemblies to detect low levels of chemical in up to ten chemical containers simultaneously. In an alarm situation a red beacon will flash to highlight that one or more of the containers needs refilling or replacing. At the same time a high visibility LED will be illuminated to draw attention to any containers which require replenishment. An audible alarm will also sound intermittently; this can be silenced by pressing the mute button  on the front of the unit.

#### Features:

- Range of float switch assemblies to suit a range of chemical containers and chemical types, including high viscosity chemicals
- Easy to install and operate
- Mute facility to disable the sounder mid-alarm
- 230V AC input voltage
- 24 and 110V AC input versions also available
- High volume sounder
- Also suitable for use with other liquids

#### Optional Equipment:

- Float switch assemblies to suit 5-10L, 20-25L, 50-60L and 200L or IBC type chemical containers.



AFF/001  
Flash'n'Fill™ PCB

### Ordering Information

#### Flash'n'Fill™ Controller

Part No	Description
AFF/100-10	Flash'n'Fill™ Controller with 10 Channels

### Ordering Information

#### Flash'n'Fill™ Float Switch Assemblies and Spare Parts

Part No	Description	Lance Size	Cable Length
AFF/500-35-10	Flash'n'Fill™ Float Switch Assembly for 5-10 Litre Container	35 cm	10 m
AFF/500-50-10	Flash'n'Fill™ Float Switch Assembly for 20-25 Litre Container	50 cm	10 m
AFF/500-75-10	Flash'n'Fill™ Float Switch Assembly for 50-60 Litre Container	75 cm	10 m
AFF/500-110-10	Flash'n'Fill™ Float Switch Assembly for 200 Litre Container or IBC	110 cm	10 m
AFF/001	Flash'n'Fill™ PCB		

## Flash'n'Text™ Low Level Alarm System



AFF/500  
Flash'n'Fill™ Float Switch Assembly



Flash'n'Text™ Control Unit

Flash'n'Text™ is a stand-alone electronic low level alarm which operates in conjunction with float switches to detect low levels of chemical in up to six chemical containers simultaneously and sends out an SMS text message whenever the level falls below a pre-determined level.

When the level of one of the chemicals falls below a pre-determined level the Flash'n'Text™ system automatically generates an SMS message and sends it to up to 5 pre-programmed mobile phone numbers, identifying the container and type of chemical which is low to initiate a replenishment of supplies.

The system can be programmed individually via a laptop computer or PC to send a customised message specific to each of the six channels. A reminder is also automatically generated at timed intervals until the text message is returned with 'OK'.

At the same time as the SMS message is generated, an LED illuminates on the Flash'n'Text™ unit itself to identify the channel which has generated the text message; a red LED will illuminate continuously and a red beacon will flash until the chemical supply is replenished.

### Features:

- Range of float switches to suit a range of chemical containers and chemical types, including high viscosity chemical
- Easy to install and operate
- Operates on 3G or higher network
- External aerial available as an option to boost signal in remote areas of signal weakness
- 110 - 230V AC input voltage
- Also suitable for other liquids

### Optional Equipment:

- Float switches to suit 5-10L, 20-25L, 50-60L and 200L or IBC type chemical containers.
- External aerial



AFF/001-SMS  
Flash'n'Text™ PCB

### Ordering Information

#### Flash'n'Text™ Controller

Part No	Description
AFF/100-6-SMS	Flash'n'Text™ Controller with 6 Channels*

### Ordering Information

#### Flash'n'Text™ Float Switch Assemblies and Spare Parts

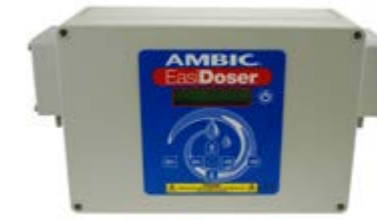
Part No	Description	Lance Size	Cable Length
AFF/500-35-10	Flash'n'Text™ Float Switch Assembly for 5-10 Litre Container	35 cm	10 m
AFF/500-50-10	Flash'n'Text™ Float Switch Assembly for 20-25 Litre Container	50 cm	10 m
AFF/500-75-10	Flash'n'Text™ Float Switch Assembly for 50-60 Litre Container	75 cm	10 m
AFF/500-110-10	Flash'n'Text™ Float Switch Assembly for 200 Litre Container or IBC	110 cm	10 m
AFF/410	Flash'n'Text™ External Aerial		
AFF/001-SMS	Flash'n'Text™ PCB		

\* SIM not supplied.

## EasiDoser™



EasiDoser™ with Two Low Capacity Pumps



EasiDoser™ with Two High Speed Capacity Pumps



EasiDoser™ with a Combination of a High Capacity Pump and Two Low Capacity Pumps

Ambic has launched a new range of automated dosing and dilution systems which is based on combining its extensive, well-proven range of RFE low-volume and high-volume peristaltic pumps with a new microprocessor control system which it has developed to control the operation of up to three peristaltic pumps of differing capacities in order to dispense and dose precise quantities of fluids for cleaning or sanitisation purposes. Typical applications include the dispensing of detergent, bleach, acid and/or alkaline for sanitisation purposes as well as the mixing and dilution of udder health chemicals for teat sanitisation applications.



The device has an LCD display and keypad on the front of the unit for ease of set up and programming of the pump run time and pump speed; the LCD display also shows relevant information when the unit is running and can be used to access performance data. Key features of the system include the following:

### Features:

- A combination of low-volume and high-volume (40RPM – 160RPM) pumps with a range of Tubes sizes (ranging from 1.8mm to 6.3mm for low-volume pumps & 9.6mm to 12.7mm bore for high-volume pumps) as well as numerous different polymers (Santoprene and Silicone) to suit a range of applications
- A combination of time and speed control functions enables the amount of product dispensed to be determined both by reference to pump speed and run time for accurate dosing
- Pump Run Time adjustable from 1 to 5 minutes
- Pump Speed Control adjustable from 50% to 100%
- Pump Start Delay adjustable from 0 to 30 seconds
- A range of flow rates from a minimum of 75 ml/min to a maximum of 550 ml/min for low-volume pumps, a minimum of 700 ml/min to a maximum of 3500 ml (3.5L)/min for high volume pumps and a minimum of 800 ml/min to a maximum of 1000 ml/min for high speed pumps.
- Option of setting a time delay before initiating the pump
- The unit has a 'Pump Inhibit' or 'Lock-out' safety feature which can prevent consecutive dispensing of chemicals where excessive dosing could be a hazard. This is adjustable from 0 to 30 minutes
- Data logging facility to record and display performance data, including cumulative run time and cumulative chemical consumption
- Pump calibration is made via the LCD display and keypad
- Password protected keypad for security
- Includes low level alarm feature to warn when chemical levels are running low – appropriate float switch assemblies can be purchased separately
- Available with UK, European or other international plugs
- EMC and CE approved

### Ordering Information

#### EasiDoser™





Part No	Description	Image
ADE/003-1LV	EasiDoser™ with One Low Capacity Pump	
ADE/003-2LV	EasiDoser™ with Two Low Capacity Pumps	

## EasiDoser™

### EasiDoser™


Part No	Description	Image
ADE/003-3LV	EasiDoser™ with Three Low Capacity Pumps	
ADE/003-2HS	EasiDoser™ with Two High Speed Pumps	
ADE/003-2LV-1IND	EasiDoser™ with Two Low Capacity Pumps and One High Capacity Pump	
ADE/003-2IND	EasiDoser™ with Two High Capacity Pumps	


### EasiDoser™ Spares

Part No	Description	Image
ADE/001-100	EasiDoser™ Replacement PCB for EasiDoser™ Single, Twin or Triple Pump Power Unit	
ALP/101-SA625-PP	EasiDoser™ Replacement Peristaltic Pump Tube for Low Volume Single Pump Unit (Small Pot of Silicone Grease for Installation included)	
ALP/101-SA625-PP-2	EasiDoser™ Replacement Peristaltic Pump Tube Set for Low Volume Twin Pump Unit (Small Pots of Silicone Grease for Installation included)	
ALP/100-12	EasiDoser™ Peristaltic Pump Motor and Gear Box Assembly for: ADE/003-1LV ADE/003-2LV ADE/003-3LV ADE/003-2LV-1IND	

### EasiDoser™ Spares

Part No	Description	Image
ALP/103	EasiDoser™ Peristaltic Pump Block Assembly for: ADE/003-1LV ADE/003-2LV ADE/003-3LV ADE/003-2LV-1IND	
ALP/102	EasiDoser™ Peristaltic Pump Spinner Assembly for: ADE/003-1LV ADE/003-2LV ADE/003-3LV ADE/003-2LV-1IND	
ALP/115	EasiDoser™ Silicone Grease (Required when replacing Peristaltic Pump Tubes)	
AHP/100-SA-12	High Volume Peristaltic Pump Tube with Spigots • 12.7mm Bore Santoprene, 5/8" Spigots • 12.7mm Bore Santoprene, 1/2" Spigots	
AHP/100-SA-09	• 9.6mm Bore Santoprene, 5/8" Spigots • 9.6mm Bore Santoprene, 1/2" Spigots  (Small Pot of Silicone Grease for Installation included)	
AHP/102-FP	High Volume Peristaltic Pump Spinner Assembly with Fixed Pin	
AHP/103	High Volume Peristaltic Pump Block Cover with Screws	

Part No*	Voltage	RPM	Image
AHP/100-12V-62 AHP/100-24V-62	12V or 24V DC	62	
AHP/100-12V-94 AHP/100-24V-94	12V or 24V DC	94	
AHP/100-12V-125 AHP/100-24V-125	12V or 24V DC	125	
AHP/100-12V-156 AHP/100-24V-156	12V or 24V DC	156	
AHP/100-12V-188 AHP/100-24V-188	12V or 24V DC	188	

Part No	Description	Image
AFF/500-35-10	35cm Low Level Alarm Float Switch Assembly for 5-10 Litre Container	
AFF/500-50-10	50cm Low Level Alarm Float Switch Assembly for 20-25 Litre Container	
AFF/500-75-10	75cm Low Level Alarm Float Switch Assembly for 50-60 Litre Container	
AFF/500-110-10	110cm Low Level Alarm Float Switch Assembly for 200 Litre Container or IBC	

## Low Volume Peristaltic Pumps

Low Volume Peristaltic Pump with Plastic Gears



Low Volume Pump (with Stainless Steel Mounting Plate and Pre-drilled Top and Bottom Holes) 9, 12 or 24 Volts

Low Volume Pump (with Stainless Steel Mounting Plate and Pre-drilled Left and Right Holes) 9, 12 or 24 Volts

Low Volume Pump (without Mounting Plate) 9, 12 or 24 Volts

Ambic acquired the RFE range of peristaltic pump products in 2013, adding dosing and dilution capabilities to its product range. RFE peristaltic pumps and pump assemblies have been produced and supplied for many years into a range of different industries and organisations, including OEM milking machine and bulk tank manufacturers as well as dish-washing and laundry specialists, where they have earned a reputation for reliability and robustness. The product range includes pumps which range in output from 2ml to 5 Litres per minute. They can be supplied in a range of voltages and with a wide variety of peristaltic tubes that will cater for most chemical solutions.

### Low Volume Peristaltic Pumps

The Low Volume Peristaltic Pump range includes 9, 12, 24V DC and 230 AC pump models which are available with peristaltic tubes produced in a range of polymers, including Santoprene, Viton and Silicone, to suit a wide variety of chemicals and liquids across a range of applications. The tubes are available in a number of different bore sizes (3.2mm, 4.6mm, 6.3mm) to cater for a range of delivery rates and with a range of shore hardness levels. Low Volume Peristaltic Pumps are available either without mounting plate (NP) or with a pre-drilled stainless steel mounting plate with holes either left and right (LR), or top and bottom (TB).

RFE pumps are designed with unique spring-loaded roller assemblies which reduces tube wear, prolongs tube life and improves both delivery performance and consistency; this facilitates dosing accuracy and reproducibility.

A key safety feature of peristaltic pumps is the fact that the pumped product only makes contact with the pump tube; they also have excellent suction performance enabling them to prime from dry.

### Ordering Information

#### Low Volume Standard Gear DC Pumps

Model Number <i>The numbers below form the basic part number. Please add either the code from the blue column, green column or orange column depending on the ml / min.</i>	Fixed or Variable Output	RPM	Tube Size					
			3.2 Bore		4.6 Bore		6.3 Bore	
			Code	ml / min	Code	ml / min	Code	ml / min
LV/S-9-SA LV/S-9-SI	Fixed	160	01	200	03	460	05	790
LV/S-12-SA LV/S-12-SI	Fixed	100	01	170	03	310	05	510
LV/S-24-SA LV/S-24-SI	Fixed	80	01	100	03	200	05	310
LV/S-9-SA LV/S-9-SI	Variable	160	02	50-190	04	110-450	06	175-780
LV/S-12-SA LV/S-12-SI	Variable	100	02	35-150	04	80-295	06	125-480
LV/S-24-SA LV/S-24-SI	Variable	80	02	30-90	04	55-180	06	90-290

SA = Santoprene SI = Silicone

All units are fitted with a Vertical Mounting Plate and Grey Pump Housing. Option of Horizontal Mounting Plate or No Mounting Plate available on request.

Indicative figures based on tests carried out using water at room temperature.

## Low Volume Peristaltic Pumps

Low Volume Peristaltic Pump with Metal Gears



Image with Mounting Plate

Low Volume Metal Gear Pump

Float Switch Assembly

A range of Low Volume peristaltic pumps with metal gears motors is available. Metal gear motors are more durable and therefore more suited to heavy duty applications, although they are physically bulkier and heavier in weight. These motor and gear assemblies are available in five different speed variants as shown in the chart below.

The motor and gearbox assemblies are available in 12V and 24V versions with a choice of silicone or santoprene tubing. A choice of mounting plates is also available with fixing holes located top and bottom or no mounting plate.

A speed control board is available as an optional item; it fits to the back of the motor and allows the output delivery of the pump to be varied.

### Ordering Information

#### Low Volume Metal Gear DC Pumps

Model Number <i>The numbers below form the basic part number. Please add either the code from the blue column, green column or orange column depending on the ml / min.</i>	Fixed or Variable Output	RPM	Tube Size					
			3.2 Bore		4.6 Bore		6.3 Bore	
			Code	ml / min	Code	ml / min	Code	ml / min
LV/M-12-SA LV/M-12-SI  LV/M-24-SA LV/M-24-SI	Fixed	62	01	80	11	150	21	240
		94	03	110	13	225	23	340
		125	05	160	15	320	25	500
		156	07	180	17	340	27	610
		188	09	240	19	470	29	750
	Variable	62	02	20-70	12	40-130	22	60-200
		94	04	25-110	14	60-230	24	90-320
		125	06	50-150	16	90-290	26	130-470
		156	08	60-190	18	110-340	28	170-560
		188	10	70-240	20	140-480	30	210-790

SA = Santoprene SI = Silicone

All units are fitted with a Vertical Mounting Plate and Grey Pump Housing. Option of No Mounting Plate available on request.

Indicative figures based on tests carried out using water at room temperature.

## Low Volume Peristaltic Pumps

Low Volume Pump with Planetary Gears



Low Volume Planetary Pump with Mounting Plate



Low Volume Planetary Pump without Mounting Plate

Ambic also supplies a range of Low Volume peristaltic pumps with planetary gear motors which offer higher efficiency, higher accuracy and greater compactness in size and weight. Their construction involves a central sun gear on the central axis surrounded by gears that mesh with the central sun gear, all of which is enclosed within a larger internal tooth gear. This design enables them to handle higher loads owing to the load being distributed among several gears, from the central sun gear to the surrounding gears. Their higher speed and greater axial load provide for improved repeatability and reliability whilst their higher strength helps minimise the risk of misalignment of the gears in operation. They also operate with less vibration and less noise because there is more surface contact and less rolling during operation whilst the presence of bearings in the motor help reduce losses in performance. The fact that there are more teeth in contact also enables the pump to transmit and withstand more torque which is more evenly distributed via dispersion among the several planetary gears. This makes planetary gear motors well suited for applications requiring higher torque.

### Ordering Information

#### Low Volume Planetary Gear DC Pumps

Model <b>The numbers below form the basic part number. Please add either the code from the blue column, green column or orange column depending on the ml / min.</b>	Fixed or Variable Output	RPM	Santoprene					
			3.2 Bore		4.6 Bore		6.3 Bore	
			Code	ml / min	Code	ml / min	Code	ml / min
LV/P-24-SA LV/P-24-SI	Fixed	140	01	250	03	590	05	890
		160	02	100	04	225	06	350

SA = Santoprene SI = Silicone

Low Volume AC Pump



Low Volume Pump 230V AC

### Ordering Information

#### Low Volume AC Pumps

Model <b>The number below forms the basic part number. Please add either the code from the blue column, green column or orange column depending on the ml / min.</b>	Fixed or Variable Output	RPM	Santoprene					
			3.2 Bore		4.6 Bore		6.3 Bore	
			Code	ml / min	Code	ml / min	Code	ml / min
LV/AC-230-SA	Fixed	100	01	100	02	225	03	350

All units are fitted with a Vertical Mounting Plate and Grey Pump Housing. Option of No Mounting Plate available on request.

Indicative figures based on tests carried out using water at room temperature.

## Low Volume Peristaltic Pumps

### Ordering Information

#### Low Volume Peristaltic Pump Spares

Part No	Description	Image
ALP/100-9 ALP/100-12-LI ALP/100-24	9V DC Motor and Gear Assembly 12V DC Motor and Gear Assembly 24V DC Motor and Gear Assembly	
ALP/100-24-62 ALP/100-24-94 ALP/100-24-125 ALP/100-24-156 ALP/100-24-188	24 DC Motor and Metal Gear Assembly - 62 RPM 24 DC Motor and Metal Gear Assembly - 94 RPM 24 DC Motor and Metal Gear Assembly - 125 RPM 24 DC Motor and Metal Gear Assembly - 156 RPM 24 DC Motor and Metal Gear Assembly - 188 RPM	
APG/24-140 APG/24-160	Planetary Gear Motor Assembly - 140 RPM Planetary Gear Motor Assembly - 160 RPM	
ALP/100-230-100	230V AC Motor and Gear Assembly - 100RPM	
ALP/102-VI	Spinner Assembly for 6.0mm Viton Tube (Used with ALP/101-VI606)	
ALP/101-VI606	6.0mm Viton Tube with Spigots (Used with ALP/102-VI) (Small Pot of Silicone Grease for Installation included)	
ALP/101-SA625-PP	6.2mm Santoprene Tube with Spigots (Small Pot of Silicone Grease for Installation included)	
ALP/101-SI635	6.3mm Silicone Tube with Spigots (Small Pot of Silicone Grease for Installation included)	
ALP/101-SA465	4.6mm Santoprene Tube with Spigots (Small Pot of Silicone Grease for Installation included)	
ALP/101-SA325	3.2mm Santoprene Tube with Spigots (Small Pot of Silicone Grease for Installation included)	
ALP/102	Spinner Assembly with Spigots for 6.2mm Santoprene and 6.3mm Silicone Tubes	
ALP/103	ABS Pump Block and Cover with Screws	
ALP/115	Silicone Grease (Can be used for any Peristaltic Pump Tubes)	

## Medium Volume Peristaltic Pumps



Medium Volume 24V DC Pump



Medium Volume AC 230V Pump

The medium capacity range of peristaltic pumps has a capacity range of between 950ml / min and 1100ml / min and is available with a choice of 230V AC and 24V DC motors. The peristaltic pump tubes are available in santoprene or silicone to suit a range of different chemicals.

Other features include the following:

- Spinner assembly made of stainless steel with PVC rollers for durability and performance
- 8mm bore tube and 8mm spigot for inlet and outlet dimensions
- Optional stainless-steel mounting plate

Manufactured from the highest quality chemical resistant materials. A key safety feature of the peristaltic pump is the fact that the pumped product only makes contact with the pump tube; the pumps also have excellent suction performance enabling them to prime from dry.

### Ordering Information

#### Medium Volume Pumps

Model <b>The numbers below form the basic part number. Please add either the code from the blue column, depending on the ml / min.</b>	Fixed or Variable Output	RPM	Santoprene	
			8 Bore	
			Code	ml / min
MV/M-24-SA	Fixed	160	<b>01</b>	1100
MV/M-230-SA		150	<b>01</b>	950

#### Medium Volume Peristaltic Pump Spares

Part No	Description	Image
MV/M-100-24	Medium Volume DC Motor Assembly	
MV/M-100-230	Medium Volume AC Motor Assembly	
AMP/103	ABS Pump Block and Cover with Screws	
AMP/102	Spinner Assembly for 8.0mm Santoprene Tube	
AMP/101-SA805	8.0mm Santoprene Tube with Spigots (Small Pot of Silicone Grease for Installation included)	

All units are fitted with a Vertical Mounting Plate and Grey Pump Housing. Option No Mounting Plate available on request.

Indicative figures base on tests carried out using water at room temperature.

## High Volume Peristaltic Pumps



High Volume Peristaltic Pump with DC Motor



High Volume Peristaltic Pump with Variable Speed Control PCB



High Volume Peristaltic Pump with AC Motor

In addition to an extensive Low Volume Peristaltic Pump range Ambic also has a comprehensive range of High Volume Peristaltic Pump products which have an output performance of between 900ml and 5 Litres per minute depending on motor speed and tube bore size. They are widely used in milking machine and bulk tank cleaning systems as well as hoof bath applications, where they have earned a reputation for reliability and robustness.

The High Volume Peristaltic Pump range includes 12/24V DC and 230V AC pump models which are available with peristaltic pump tubes produced in a range of polymers, including Santoprene, Viton and Silicone, to suit a wide variety of chemicals and liquids in a range of applications. The tubes are available in two different diameters (9.6mm or 12.7mm bore) to cater for a range of delivery rates; option of 1/2" or 5/8" Spigots.

RFE pumps are designed with unique spring-loaded roller assemblies which reduces tube wear, prolongs tube life and improves both delivery performance and consistency; this facilitates dosing accuracy and reproducibility.

A key safety feature of peristaltic pumps is the fact that the pumped product only makes contact with the pump tube.

### Ordering Information

#### High Volume 12V and 24V DC Pumps

Model Number	Fixed or Variable Output	RPM	Spigot Size	Tube Size				
				9.6 Bore		12.7 Bore		
				Code	ml / min	Code	ml / min	
<b>The numbers below form the basic part number. Please add either the code from the blue column or green column depending on the ml / min.</b>	Fixed	62	1/2"	<b>01</b>	1500	<b>11</b>	2400	
		94		<b>03</b>	2300	<b>13</b>	4300	
		125		<b>05</b>	3400	<b>15</b>	5400	
		156		<b>07</b>	3700	<b>17</b>	6200	
		188		<b>09</b>	4800	<b>19</b>	7100	
	HV/M-12-SA HV/M-12-SI  HV/M-24-SA HV/M-24-SI	Variable	62	5/8"	<b>02</b>	1500	<b>12</b>	2400
			94		<b>04</b>	2300	<b>14</b>	4300
			125		<b>06</b>	3400	<b>16</b>	5400
			156		<b>08</b>	3700	<b>18</b>	6200
			188		<b>10</b>	4800	<b>20</b>	7100
	Fixed	62	1/2"	<b>21</b>	500-1500	<b>31</b>	500-2200	
		94		<b>23</b>	700-2200	<b>33</b>	1000-3400	
		125		<b>25</b>	900-3300	<b>35</b>	1400-4800	
		156		<b>27</b>	1100-3500	<b>37</b>	1600-5300	
		188		<b>29</b>	1300-4400	<b>39</b>	1800-6400	
	Variable	5/8"	62	<b>22</b>	500-1500	<b>32</b>	500-2200	
			94	<b>24</b>	700-2200	<b>34</b>	1000-3400	
			125	<b>26</b>	900-3300	<b>36</b>	1400-4800	
			156	<b>28</b>	1100-3500	<b>38</b>	1600-5300	
			188	<b>30</b>	1300-4400	<b>40</b>	1800-6400	

SA = Santoprene  
SI = Silicone

All units are fitted with Vertical Mounting Plate and Black Pump Housing. Option of No Mounting Plate available on request.

Indicative figures base on tests carried out using water at room temperature.

## High Volume Peristaltic Pumps

### Ordering Information

#### High Volume 230V AC Pumps

Model Number	Fixed or Variable Output	RPM	Spigot Size	Tube Size			
				9.6 Bore		12.7 Bore	
				Code	ml / min	Code	ml / min
<b>The numbers below form the basic part number. Please add either the code from the blue column or green column depending on the ml / min.</b>  HV/M-230-SA HV/M-230-SI	Fixed	80	1/2"	<b>01</b>	1600	<b>03</b>	2500
			5/8"	<b>02</b>	1600	<b>04</b>	2500

SA = Santoprene SI = Silicone

#### High Volume and Extra High Volume Spares

Part No	Description*	Image
AHP/100-12* AHP/100-24*	High Volume Peristaltic Pump Motor	
AHP/100-230	High Volume Pump Motor Assembly	
AHP/100-SA-09 AHP/100-SA-12	High Volume Pump 9.6mm Bore Tube with Spigots High Volume Pump 12.7mm Bore Tube with Spigots	 5/8" or 1/2" Spigots
AHP/102	High Volume Peristaltic Pump Spinner Assembly with Spring Loaded Rollers	
AHP/102-FP	High Volume Peristaltic Pump Spinner Assembly with Fixed Pin	
AHP/103	High Volume Peristaltic pump Block Cover with Screws	
ALP/115	Silicone Grease (Can be used for any Peristaltic Pump Tubes)	

\* Available speeds are 62, 94, 125, 156, 188 RPM

All units are fitted with Vertical Mounting Plate and Black Pump Housing. Option of No Mounting Plate available on request.

Indicative figures based on tests carried out using water at room temperature.

## High Volume Dispensing Pumps



Single Pump Assembly



Twin Pump Assembly



Triple Pump Assembly

High Volume Dispensing Pumps are available in single, double or triple pump assemblies and include models with 110V AC and 230V AC motors.

The pump control is widely used with milking machine and bulk tank wash systems and is therefore designed to prevent both pumps from running simultaneously so that the pump does not dispense acid and alkaline solutions at the same time.

High Volume Triple Dispensing Pump Assemblies are used in a variety of applications including the dispensing of chemicals for milking machine applications and for hoof bath systems.

### Ordering Information

#### High Volume Dispensing Pumps

Model	Fixed or Variable Output	Spigot	Santoprene			
			9.6 Bore		12.7 Bore	
			ml / min	Code	ml / min	Code
HDE/M-230-1-SA Single Pump	Fixed	1/2"	1600	<b>01</b>	2500	<b>03</b>
		5/8"	1600	<b>02</b>	2500	<b>04</b>
HDE/M-230-2-SA Twin Pump	Fixed	1/2"	1600	<b>01</b>	2500	<b>03</b>
		5/8"	1600	<b>02</b>	2500	<b>04</b>
HDE/M-230-3-SA Triple Pump	Fixed	1/2"	1600	<b>01</b>	2500	<b>03</b>
		5/8"	1600	<b>02</b>	2500	<b>04</b>

Indicative figures based on tests carried out using water at room temperature.

#### High Volume and Extra High Volume Spares

Part No	Description*	Image
AHP/100-230	High Volume Pump Motor Assembly	
HD/001	High Volume Pump PCB for Twin and Triple Pump Assemblies	
AHP/100-SA-09 AHP/100-SA-12	High Volume Pump 9.6mm Bore Tube with Spigots High Volume Pump 12.7mm Bore Tube with Spigots	 5/8" or 1/2" Spigots
AHP/102	High Volume Pump Spinner Assembly with Spring Loaded Rollers	
AHP/102-FP	High Volume Pump Spinner Assembly with Fixed Pin	
AHP/103	High Volume Pump Block and Cover with Screws	



## Extra High Volume Peristaltic Pumps



24v DC High Volume Peristaltic Pump



230v AC High Volume Peristaltic Pump

In addition to the High Volume Peristaltic Pump range Ambic also offer a range of Extra High Volume Peristaltic Pumps which have an output performance of up to 6 Litres per minute - depending on motor speed and tube bore size; they are also suited to pumping liquids over a very long distance.

Typical applications include milking system and bulk tank cleaning systems as well as hoof bath applications, where it may be difficult to site the pumping system near the point of use.

The Extra High Volume Peristaltic Pump range includes 24V DC and 230V AC motor versions which are available with peristaltic pump tubes produced in a range of polymers, including Santoprene and Silicone, to suit a wide variety of chemicals and liquids in a range of applications. The tubes are available in two different diameters (9.6mm or 12.7mm bore) to cater for a range of delivery rates; there is also the option of 1/2" or 5/8" Spigots.

Ambic's pumps are designed with a unique spring-loaded roller assembly which reduces tube wear, prolongs tube life and improves both delivery performance and consistency; this facilitates dosing accuracy and reproducibility.

A key safety feature of peristaltic pumps is the fact that the pumped product only makes contact with the pump tube.

### Ordering Information

#### Extra High Volume Peristaltic Pumps

Model Number <i>The numbers below form the basic part number. Please add either the code from the blue column or green column depending on the ml / min.</i>	Fixed or Variable Output	RPM	Spigot	Tube Size			
				9.6 Bore		12.7 Bore	
				Code	ml / min	Code	ml / min
EHV/M-24-SA	Fixed	166	1/2"	01	3000	03	6000
EHV/M-230-SA				01	3000	03	6000
EHV/M-24-SA	Fixed	166	5/8"	02	3000	04	6000
EHV/M-230-SA				02	3000	04	6000

#### Extra High Volume Spares

Part No	Description	Image
EHV/M-100-24	Extra High Volume 24V DC Motor Assembly	
EHV/M-100-230	Extra High Volume 230 AC Motor Assembly	

See Page 76 for other spare items.

Indicative figures based on tests carried out using water at room temperature.

## Float Switch Assemblies

Float switches provide an efficient and inexpensive solution to liquid level detection providing trouble free operation over a long life. Ambic's float switches are fitted with reliable heavy-duty reed switches which are moulded in chemical resistant polypropylene material.

The operation of the float switch can easily be changed from Normally Open to Normally Closed by inverting the float on the float switch stem.

The float switch shroud and stem are manufactured from chemical resistant PVC. The stem is fitted with a gland to prevent any chemical from getting inside the stem.

The float switches are available in four different lengths to suit various sizes of chemical container from 20L to up to 200L.



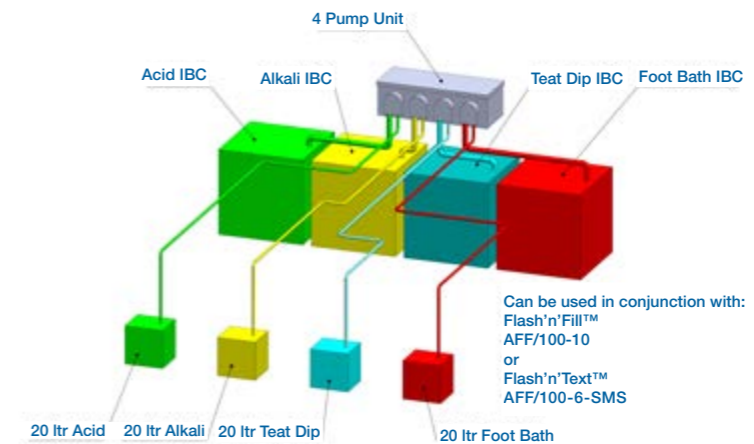
Float Switch Assembly

### Ordering Information

#### Float Switch Assemblies and Spare Parts

Part No	Description	Lance Size	Cable Length
AFF/500-35-10	Float Switch Assembly for 5-10 Litre Container	35 cm	10 m
AFF/500-50-10	Float Switch Assembly for 20-25 Litre Container	50 cm	10 m
AFF/500-75-10	Float Switch Assembly for 50-60 Litre Container	75 cm	10 m
AFF/500-110-10	Float Switch Assembly for 200 Litre Container or IBC	110 cm	10 m

## Remote Delivery System



The Remote Delivery System™ is a microprocessor-controlled automatic / manual decanting system which can control the operation of up to four different Extra High Volume Peristaltic Pumps in order to refill header tanks containing fluids for cleaning or sanitisation purposes. Typical applications include the dispensing of acid, alkaline, footbath and teat sanitisation chemicals.

In manual mode, the Remote Delivery System™ will activate when the chemicals level in one of the tanks has dropped below the minimum level set for the header tank. A beacon will start flashing indicating that at least one of the chemicals has gone below the set level and requires replenishing. An LED indicates which container is in need of replenishment; this is then initiated by pressing the button with the illuminated LED which will run for a predetermined time to refill the appropriate tank.

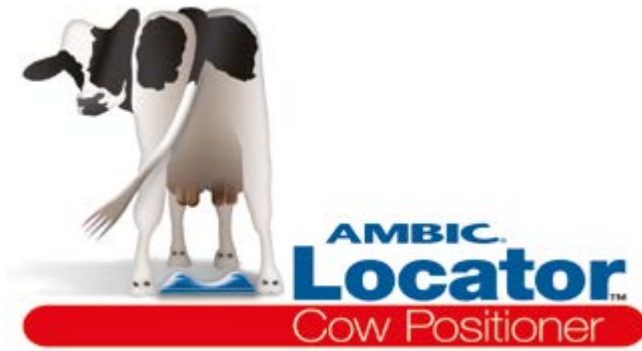
In automatic mode, units can also be programmed to run automatically. The pumps can be programmed to initiate automatically when the chemical in the header tank has dropped below a set level and run for a pre-determined length of time.

Should the pump fail to stop running as a result of any fault condition, a safety cut off will come into operation to stop the pump.

### Features

- Variable pump run time
- Option of setting the unit to refill automatically – no need for beacon or led switch box
- Two spigot sizes available for use with either 1/2" or 5/8" bore reinforced braided PVC tube
- Available with a range of plugs to suit local markets

Part Numbers and Prices on Application.



Correct cow positioning is of critical importance to the achievement of optimal cluster alignment. This in turn facilitates the good, clean milking out of all four quarters in order to maximise milk yield and maintain optimum udder health.

The Ambic Locator™ is a patented cow positioning device which is specifically designed for rotary milking parlours and is suitable both for installation on new rotaries and for retro-fitting to existing rotary systems.

The aerodynamic shape of the Locator™ has been specially designed to keep it free from slurry and make it easy to keep clean.



- Encourages cow to spread legs and stand correctly for optimum cluster alignment and cleaner milk out
- Suitable for retro-fitting to existing rotary parlours and for integration into new installation designs
- Aerodynamic shape helps keep the Locator™ free from slurry



Locator™ with Concrete Fixing Kit Exploded View








## Ordering Information

### Locator™ Bodies

Part No	Description	Image
ACL/100G	Locator™ Body with Gasket and Bungs	
ACL/101	Locator™ Body Only	

## Ordering Information

### Locator™ Spares

Part No	Description	Image
ACL/105-C-40	Mounting Kit for Concrete Platform	
ACL/105-T-60	Mounting Kit for Tiled Platform (tile depth 21 to 30mm) Mounting Kit for Tiled Platform (tile depth 31 to 40mm) Mounting Kit for Tiled Platform (tile depth 41 to 50mm)	
ACL/105-M-45 ACL/105-M-50 ACL/105-M-55	Mounting Kit for Rubber Matting (matting depth 10 to 15mm) Mounting Kit for Rubber Matting (matting depth 16 to 20mm) Mounting Kit for Rubber Matting (matting depth 21 to 25mm)	
ACL/105-MP-45 ACL/105-MP-50 ACL/105-MP-55	Mounting Plate for Rubber Matting (matting depth 10 to 15mm) Mounting Plate for Rubber Matting (matting depth 16 to 20mm) Mounting Plate for Rubber Matting (matting depth 21 to 25mm)	
ACL/104	Locator™ Sealing Bung (pack of 4)	
ACL/106	Locator™ Anchor Punch	
ACL/117	Locator™ Sealing Gasket for MKII Cow Locator™ (For new Style Cow Locator™)*	

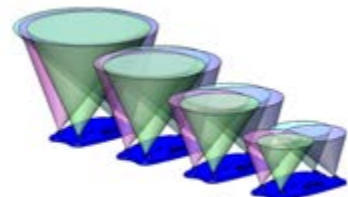
\* The MKI Cow Locator™ Sealing Gasket is still available as a spare part - ACL/107.



Locate'n'Spray™ is a fully automated teat spray system designed and produced by Ambic for rotary milking systems. It is capable of achieving both high teat hit rates and excellent levels of teat coverage without excessive chemical consumption. Integration with the milking system's process control system automates the process to the point where it effectively eliminates the need for an operator at the 'cups off' stage. It thereby combines significant labour cost savings with improved levels of teat and udder health care.

Locate'n'Spray™ is a patented system which is the culmination of several years of intensive Research and Development work which builds on Ambic's vast experience in the manual teat spraying market; it has culminated in a fully automated teat spray system which helps ensure effective udder health and optimum teat condition. The process control and repeatability provided by this automated spray system ensures both high teat end hit rates and high levels of teat coverage which have been shown in research to exceed manual teat spraying for improved teat and udder health. It is capable of achieving excellent teat coverage without excessive chemical consumption. The Locate'n'Spray™ system can be customised to suit individual needs as follows:

- Choice of Pre-Spray, Post-Spray or Pre-and Post- Spray configurations to suit different teat spray and udder health regimes
- 4 or 8 nozzle technology to ensure appropriate teat coverage
- Adjustable spray duration to regulate spray consumption
- Option of double hit spray to improve teat coverage
- Optimum cow positioning based on Locator™ Research & Development findings to position and present teats for effective spraying
- Stand-alone system or OEM systems integration options available to suit a range of rotary milking system designs
- Complete systems available on request



Patented Teat Spray Configuration



## Ordering Information

### Locate'n'Spray™ System Spares

Part No	Description	
ALS/1000G	Locate'n'Spray™ Body with 4 Blanking Bungs and Gasket	
ALS/1041G	Locate'n'Spray™ Body for Pre-Spray with 4 Outer Nozzles and Gasket	
ALS/1042G	Locate'n'Spray™ Body for Post-Spray with 4 Inner Nozzles and Gasket	
ALS/1080G	Locate'n'Spray™ Body for Pre- and Post- Spray with 8 Nozzles and Gasket	

## Ordering Information

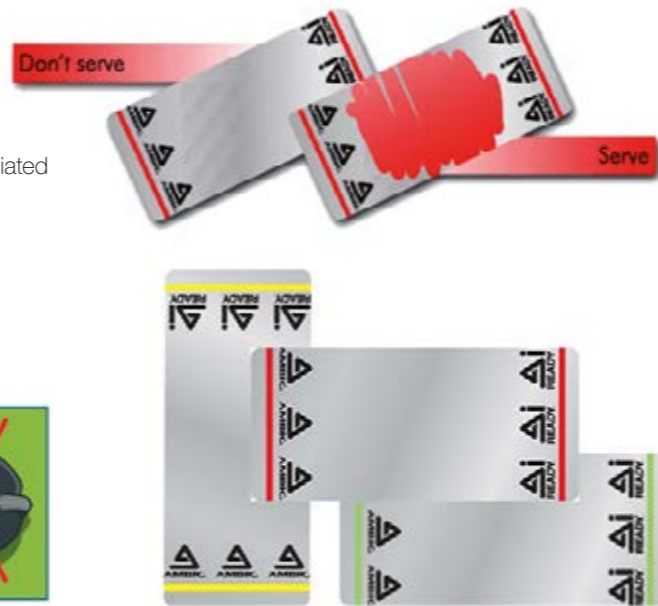
### Locate'n'Spray™ System Spares

Part No	Description	Image
ALS/150	Locate'n'Spray™ Plumbing Manifold	
ALS/151	Locate'n'Spray™ Adjustable Manifold	
ALS/155	Locate'n'Spray™ Short Tube	
ALS/160	Locate'n'Spray™ Long Tube	
ALS/170	Locate'n'Spray™ Nozzle Manifold	
ALS/184	Locate'n'Spray™ Nozzle Block and Screws Only (pack of 1)	
ALS/182	Locate'n'Spray™ Nozzle Block with One Nozzle for Pre-Spray or Post-Spray (pack of 1)	
ALS/185	Locate'n'Spray™ Nozzle Block with Two Nozzles for Pre-Spray and Post-Spray (pack of 1)	
ALS/190	Nozzle and O'Ring (pack of 1)	
ALS/195	Locate'n'Spray™ 'O'-Ring Kit 2 x Manifold 'O'-Rings 8 x Nozzle Block 'O'-Rings 8 x Nozzle 'O'-Rings 16 x Connector Tube 'O'-Rings	
ALS/200	Locate'n'Spray™ Control Box - Master with Motherboard and Daughterboard	
ALS/201	Locate'n'Spray™ Control Box - Slave with Motherboard	
ALS/210	Locate'n'Spray™ Solenoid Valve	
ALS/221	Locate'n'Spray™ Vacuum Switch and Bracket Assembly (Post- Spray)	
ALS/231	Locate'n'Spray™ Whisker Switch	
ALS/240	Locate'n'Spray™ Optical Cow Detection Switch (Pre- Spray)	
ALS/250	Locate'n'Spray™ RF Transmission Device (Pre- Spray)	

## AiREADY™

As every farmer knows, missed heats cost money. AiREADY™ is a simple self-adhesive device which is easily attached to the cow to provide highly effective visual evidence of mounting heat.

- Easy to apply - no messy glue required. Just peel and stick!
- Indicates progressive mounting activity avoids false positives associated with single mount devices
- Can be used as part of a complete fertility management system
- Suitable for both dairy and beef AI programs
- Three highly visible colours



### Ordering Information

#### AiREADY™

Part No	Description	Pack Size	Colour
AR/010-R	AiREADY™	10	Red
AR/025-R	AiREADY™	25	Red
AR/050-R	AiREADY™	50	Red
AR/100-R	AiREADY™	100	Red
AR/010-G	AiREADY™	10	Green
AR/025-G	AiREADY™	25	Green
AR/050-G	AiREADY™	50	Green
AR/100-G	AiREADY™	100	Green
AR/010-Y	AiREADY™	10	Yellow
AR/025-Y	AiREADY™	25	Yellow
AR/050-Y	AiREADY™	50	Yellow
AR/100-Y	AiREADY™	100	Yellow
AR/001	Spare Tack Cloth	1	

## AiALERT™ EXTRA

Simple, Reliable, Heat Detection

- AiALERT™ Extra is a simple self-adhesive device which is easily attached to the cow to provide effective visual evidence of bulling behaviour.
- AiALERT™ Extra detectors contain a pressure-sensitive capsule which is activated by the pressure exerted on the cow by the bulling behaviour of other cows in the herd.
- The detector has a built-in time delay mechanism which means it requires approximately 3 seconds of mounting activity before it is activated.
- This time delay mechanism helps to distinguish between true standing heat and false mounting activity, so that false positives are avoided.



AA/010  
AiALERTEXTRA  
(pack of 10)



AA/040  
AiALERTEXTRA  
(pack of 40)

### Ordering Information

#### AiALERT™EXTRA

Part No	Description	Pack Size
AA/010	AiALERT™Extra	10
AA/040	AiALERT™Extra	40
AR/001	Spare Tack Cloth	1

## AiPAINT™

One of the best signs that a cow is in heat is evidence of bulling behaviour. AiPAINT™ is a simple, effective animal marker which can be used to highlight progressive mounting activity. AiPAINT™ therefore reduces the time required to observe cows and can significantly increase the number of cows observed bulling.

AiPAINT™ comes in five different colours so that it can also be used as part of a complete fertility management program.

#### Key Benefits

- Simple, effective heat detection tool
- Handy 500ml dispensing bottle with integral brush for ease of application
- Rubs off perfectly for accurate heat detection
- Also effective as a general marker



### Ordering Information

#### AiPAINT™

Part No	Description	Colour
TP/001-B	1 X 500ml bottle of AiPAINT™	Blue
TP/001-Y		Yellow
TP/001-O		Orange
TP/001-G		Green
TP/001-R		Red
TP/012-B	12 X 500ml bottles of AiPAINT™	Blue
TP/012-Y		Yellow
TP/012-O		Orange
TP/012-G		Green
TP/012-R		Red



## JetSpray Guns

A strong durable wash down gun with two spray patterns – fan and jet. Available with a choice of either metal hose tail or plastic snap connector. The metal hose tail is suitable for 16mm and 19mm tubing.

### Ordering Information

#### JetSpray Guns and Spares

Part No	Description	Connector	Colour
JS1M-B	JetSpray Gun	Metal Hose Tail	Blue
JS1S-B	JetSpray Gun	Snap Connector	Blue
JS3	Metal Hose Tail		
JS4	Plastic Snap Connector		



JS1M-B  
JetSpray Gun with Metal  
Hose Connector



JS1S-B  
JetSpray Gun with Plastic  
Snap Connector



JS3  
Metal Hose Tail



JS4  
Plastic Snap Connector

## UdderWash Guns

The UdderWash Gun has been designed to dispense warm or cold wash water at an appropriate rate for udder wash applications. It is easy to fit with a barbed connector for 1/2" nominal bore hose. Available with either a standard or extended lance which is fitted with a brass nozzle.



UW700E-Y  
UdderWash Gun with  
Extended Lance



UW7-B  
UdderWash Gun with  
Standard Lance

### Ordering Information

#### UdderWash Guns

Part No	Description	Lance	Colour
UW7-B	UdderWash Gun	Standard	Blue
UW7-Y	UdderWash Gun	Standard	Yellow
UW700E-B	UdderWash Gun	Extended	Blue
UW700E-Y	UdderWash Gun	Extended	Yellow
PE210-B	Lance Extension		Blue
PE210-Y	Lance Extension		Yellow
UW18	Spare Brass Nozzle		
UW100	Spring & Seal Repair Kit		
UW11	Replacement 'O'-Ring Set		

## VoluSpray Wash Down Guns

The VoluSpray wash down gun is a powerful brass parlour wash down gun with barbed hose tail.

Available in a choice of four sizes.



VS1B  
VoluSpray Body Only



VS6 20mm Barbed  
Hose Tail



VS5 25mm Barbed  
Hose Tail



VS7 32mm Barbed  
Hose Tail



VS8 40mm Barbed  
Hose Tail

### Ordering Information

#### VoluSpray Guns and Spares

Part No	Description	Hose Tail Size
VS20	VoluSpray Gun	20mm
VS25	VoluSpray Gun	25mm
VS32	VoluSpray Gun	32mm
VS40	VoluSpray Gun	40mm
VS1B	VoluSpray Body Only	
VS102	VoluSpray Body Internal 'O' Ring	
VS6	Barbed Hose Tail	20mm
VS5	Barbed Hose Tail	25mm
VS7	Barbed Hose Tail	32mm
VS8	Barbed Hose Tail	40mm
VS110	Adaptor 3/4" GHT with Gaskets for Voluspray	
VS3/4NP	VoluSpray Gun with 3/4" NPSH Adaptor	
VS1NP	VoluSpray Gun with 1" NPSH Adaptor	
VS3/4GHT	VoluSpray Gun with 3/4" GHT Adaptor	
VS109	Adaptor 3/4" NPSH with Gaskets for VoluSpray	
VS105	Adaptor 1" NPSH with Gaskets for VoluSpray	
VS108	Repair Kit (includes rubber diffuser, internal body 'O'-Ring and hose tail 'O'-Ring)	

## PortaSpray

The PortaSpray comes complete with a 600ml bottle, trigger assembly with 11mm nozzle thread and a choice of three different nozzles. All nozzles are constructed from high quality durable plastic.



TRA5-B  
PortaSpray Trigger with Short Nozzle  
with Stainless Steel Jet and 18.5 cm Straw



PS8-B  
PortaSpray with Short Nozzle  
with Stainless Steel Jet

### Ordering Information

#### PortaSpray

Part No	Description	Nozzle	Thread	Jet Type	Colour
PS8-B	PortaSpray Complete	Short	11mm	Stainless Steel	Blue
PS9-B	PortaSpray Complete	Short	11mm	Plastic	Blue
PS3-B	PortaSpray Complete	Extended	11mm	Stainless Steel	Blue
TRA5-B	Trigger with Nozzle and Straw				Blue
BOT2	Spare 600ml Bottle				White

## PortaSpray Nozzles

PortaSpray nozzles are available with either 11mm or 12mm threads. The 11mm thread fits the PortaSpray Trigger Head TRA5-B. The 12mm thread fits other trigger spray systems.



RA4-11-B  
Nozzle with Stainless Steel Jet  
and 11mm Thread (blue)



RA40-11-B  
Nozzle with Plastic Jet and  
11mm Thread (blue)



RA5-11-B  
Extended Nozzle with Stainless Steel Jet and  
11mm Thread (blue)

### Ordering Information

#### PortaSpray Nozzles

Part No	Description	Thread	Jet Type	Colour
RA4-11-B	Standard Plastic Nozzle	11mm	Stainless Steel	Blue
RA4-11-W	Standard Plastic Nozzle	11mm	Stainless Steel	White
RA40-11-B	Standard Plastic Nozzle	11mm	Plastic	Blue
RA5-11-B	Extended Plastic Nozzle	11mm	Stainless Steel	Blue
RA5-11-W	Extended Plastic Nozzle	11mm	Stainless Steel	White
RA2-12-B	Standard Plastic Nozzle	12mm	Stainless Steel	Blue
RA2-12-W	Standard Plastic Nozzle	12mm	Stainless Steel	White
RA20-12-B	Standard Plastic Nozzle	12mm	Plastic	Blue
RA50-12-B	Extended Plastic Nozzle	12mm	Stainless Steel	Blue
RA50-12-W	Extended Plastic Nozzle	12mm	Stainless Steel	White



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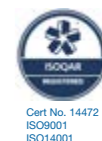
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