

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 almost 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.



The Team



Research and Development



Production



## 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 registered with ISOQAR who have approved our Management System to ISO9001.

## 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 R&D staff, but also involves the Sales and Marketing staff, the Tool Makers, the Production and the Accounts 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.



Automated Production in Ambic's Mould Shop



Tool Making in Ambic's Tool Room



Sales



Marketing



Packing



Despatch

## 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)

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## Which Teat Sanitisation System?

	Teat Dipping									
	StandardDipper™	No.1 Non Return Dip Cup™	TwinDipper™ & TwinDipper Plus™	MiniDipper™	UniDipper™	DipMizer™	EasiDipper™	MultiDipper™ (Electric Version)	MultiDipper™ (Pneumatic Version)	
<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

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 Spraying					Teat Foaming					
	PortaSpray	Classic Teat Spray System	JetStream™ Teat Spray System	JetStream™ - Viton Version	HipSpray™	Multifoamer™ & FoamDipper™	Foam'n'Dip™ (Electric Version)	Foam'n'Dip™ (Pneumatic Version)	PowerFoamer™ (Electric Version)	PowerFoamer™ (Pneumatic Version)	AutoFoamer™
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	(✓)	✓	✓	(✓)	(✓)	(✓)
	✓	✓	✓	(✓)	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	(✓)	(✓)	✓	✓	✓	✓	✓	✓	(✓)
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(✓)	(✓)	✓	✓	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)	✓
	✓	✓	✓		✓		✓	✓			
							✓	✓			
	✓			✓		✓	✓	✓	✓	✓	✓
	✓			✓		✓	✓	✓	✓	✓	✓
						✓	✓	✓	✓	✓	✓
	✓				✓	✓					
		✓	✓	✓							
							✓		✓		✓
								✓		✓	✓

## 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 11 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 page 7)



## Ordering Information

### JetStream™ Systems with Lever Gun

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



## JetStream™ Systems with Button Gun

Part No	Description	Gun Type	Operation	Lance	Nozzle	Colour
AJS/2000	JetStream™		Button	Plastic - Standard (11cm)	Solid Cone	Blue
AJS/2000E	JetStream™		Button	Plastic - Extended (17cm)	Solid Cone	Blue
AJS/1200	JetStream™		Button	Stainless Steel - Standard (16cm)	Plastic - Adjustable	Blue
AJS/1200E	JetStream™		Button	Stainless Steel - Extended (25cm)	Plastic - Adjustable	Blue
AJS/2600	JetStream™		Button	Stainless Steel - Standard (16cm)	Stainless Steel - Adjustable	Blue
AJS/2600E	JetStream™		Button	Stainless Steel - Extended (25cm)	Stainless Steel - Adjustable	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 4 and 5 to spray these chemicals. See page 16.



### Ordering Information

#### JetStream™ Systems - Viton Version

Part No	Description	Gun Type	Image	Colour
AJS/1500-V	JetStream™ with Viton Diaphragms	EasySpray™		Blue
AJS/1000-V	JetStream™ with Viton Diaphragms	Classic (with plastic nozzle)		Blue
AJS/2000-V	JetStream™ with Viton Diaphragms	Button		Blue
AJS/1600-V	JetStream™ with Viton Diaphragms	Classic (with stainless nozzle)		Blue




## Classic Teat Spray System

- Original Ambic Teat Spray System
- 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 3 gun types
- System includes 21m of Delivery Line Tubing
- Expandable with extension kits to suit a full range of herd sizes
- Easy to install and low maintenance
- Comprehensive 12 month warranty



### Ordering Information

#### Classic Teat Spray Systems

Part No	Description	Gun Type	Image	Colour
ATS/350	Classic	EasySpray™		Blue
ATS/400	Classic	Classic		Blue
ATS/300	Classic	Button Gun		Blue

## 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 sprayer system.

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

Kit includes:

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




### Ordering Information

#### Extension Kits - Lever Gun







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



## Extension Kits - Lever Gun (Continued)

Part No	Description	Image	Colour*
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

## Extension Kits - Button Gun

Part No	Description	Image	Colour
AJS/2414	Extension Kit with AJS/2402 Button Gun with Standard Plastic Lance and Solid Cone Nozzle		Blue
AJS/2514	Extension Kit with AJS/2502E Button Gun with Extended Plastic Lance and Solid Cone Nozzle		Blue
AJS/2424	Extension Kit with AJS/2465 Button Gun with Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AJS/2414E	Extension Kit with AJS/2460 Button Gun with Extended Stainless Steel Lance and Plastic Adjustable Nozzle		Blue
AJS/2614	Extension Kit with AJS/2602 Button Gun with Standard Stainless Steel Lance and Stainless Steel Nozzle		Blue
AJS/2614E	Extension Kit with AJS/2602E Button 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/502-2 ATS/502-2-Y ATS/502-2-G	EasySpray™ Gun (pack of 2)	
ATS/502-3SP ATS/502-3SP-Y ATS/502-3SP-G	EasySpray™ Upgrade Kit <ul style="list-style-type: none"> <li>• 3 EasySpray™ Guns</li> <li>• 1 AmbiSpanner™</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/402-2 ATS/402-2-Y ATS/402-2-G	Classic Lever Gun (twin pack) <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>• Extended Lance Version with 25cm 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>	

\*Please state which colour when ordering

## Ordering Information

### Lever Operated Teat Spray Guns (Continued)

Part No	Description	Image
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>	

## Ordering Information

### Button Operated Teat Spray Guns

Part No	Description	Nozzle
AJS/2402	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with Plastic Lance</li> <li>• Solid Cone Nozzle with Solid Cone Spray Technology</li> </ul>	
AJS/2402-2	Button Gun (twin pack) <ul style="list-style-type: none"> <li>• Button Action Gun with Plastic Lance</li> <li>• Solid Cone Nozzle with Solid Cone Spray Technology</li> </ul>	
AJS/2402E	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with 17cm Plastic Lance</li> <li>• Solid Cone Nozzle with Solid Cone Spray Technology</li> </ul>	
AJS/2465	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with 16cm Stainless Steel Lance</li> <li>• Plastic Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
AJS/2460	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with 25cm Stainless Steel Lance</li> <li>• Plastic Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
AJS/2602	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with 16cm Stainless Steel Lance</li> <li>• Stainless Steel Adjustable Nozzle to Vary Spray Pattern</li> </ul>	
AJS/2602E	Button Gun <ul style="list-style-type: none"> <li>• Button Action Gun with 25cm Stainless Steel Lance</li> <li>• Stainless Steel Adjustable Nozzle to Vary Spray Pattern</li> </ul>	

## Teat Spray Power Unit Spares

### Ordering Information

#### Teat Spray Power Unit Spares

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

\*Please state which colour when ordering






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

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



## Teat Spray Service Kits

### Ordering Information

#### JetStream™ Teat Sprayer Service Kits

Part No	Description	Contents	Image
AJS/2024	JetStream™ Minor (annual) Service Kit	Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444) Intake Filter (ATS/419)	
AJS/2025	JetStream™ Major (5 yearly) Service Kit	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) Pressure Bottle 'O'-Ring	
ATS/448	Directional Valve Service Kit	Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444)	
AJS/2019	Relief Valve Service Kit	Relief Valve Diaphragm - Small Relief Valve Diaphragm - Large Relief Valve Pad	


#### Classic Teat Sprayer Service Kits

Part No	Description	Contents	Image
ATS/448	Directional Valve Service Kit	Directional Valve Diaphragm (ATS/443) Directional Valve Spring (ATS/442) Directional Valve Filter (ATS/444)	
AJS/2019	Relief Valve Service Kit	Relief Valve Diaphragm - Small Relief Valve Diaphragm - Large Relief Valve Pad	

## Teat Spray Power Unit Viton Spares



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

## Service Kits for Lever Style Teat Spray Guns

Part No	Description	Contents	Colour*	Image
ATS/405 ATS/405-Y ATS/405-G	Control Valve Service Kit	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	
ATS/462	Spacer for the ATS/461 Straight Connector (pack of 10)	
ATS/461-5/16	Gun Connector to Retro-Fit Ambic Guns to Spray-master™ Systems	
ATS/461-1/4	Gun Swivel Connector to Retro-Fit to (6mm bore) Dragline with Male Thread (1/4")	
ATS/461-1/4F	Gun Swivel Connector to Retro-Fit to (6mm bore) Dragline with Female Thread (1/4")	
ATS/461-8	Gun Connector to Retro-Fit Ambic Guns to Loheat™ and Cotswold™ Systems (8mm)	
ATS/461-10	Gun Connector to Retro-Fit Ambic Guns to Johnson Diversey-Deosan™ Systems (10mm)	

## Teat Spray Gun Spares

Part No*	Description	Fits Guns	Image
ATS/415	Adjustable Nozzle	Classic	
ATS/415-5	Adjustable Nozzle (pack of 5)	Classic	
AJS/2415	Solid Cone Nozzle	EasySpray™ / Button	
AJS/2415-5	Solid Cone Nozzle (pack of 5)	EasySpray™ / Button	
ATS/615	Stainless Steel Nozzle	Classic	
ATS/439	Plastic Lever	EasySpray™ / Classic	
ATS/405 ATS/405-Y ATS/405-G	Control Valve Service Kit	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)	Button	
ATS/504	Extended Plastic Lance (17cm)	EasySpray™ / Classic	
ATS/449	Standard Stainless Steel Lance (16cm)	Classic	
ATS/404E	Extended Stainless Steel Lance (25cm)	Classic	

\*Please state which colour when ordering

## Teat Spray Distribution Line Spares

### Ordering Information

#### Distribution Line Spares

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

**Distribution Line Spares (continued)**

Part No	Description	Image
ATS/412	Intake Filter Complete with Flexible Tubing	
ATS/413	Vacuum Adaptor	
ATS/419	Intake Filter Only (pack of 2)	
ATS/428	30m Flexible Delivery Line Tubing	
ATS/429	Blanking Plugs (pack of 2)	
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)	



## NEW Large Bore Teat Spray Distribution Line

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

### Ordering Information

#### Distribution Line Spares - Large Bore Connectors

Part No	Description	Image
ALB/407	Large Bore T Connector with Nuts	
ALB/408	Large Bore Straight Connector with Nuts (pack of 2)	
ALB/409	Large Bore Connector Nuts (pack of 6)	

**Distribution Line Spares (continued) - Large Bore Connectors**

Part No	Description	Image
ALB/410	Large Bore Tubing - 6m	
ALB/423	Large Bore Connector Ferrule, 'O' Ring and Starlock Kit (pack of 2)	
ALB/424	Large Bore Connector ATS Converter	
ALB/428	Large Bore Tubing - 30m	
ALB/429	Large Bore Connector Blanking Plugs (pack of 2)	
ALB/434	Large Bore Elbow Connector with Nuts (pack of 2)	
ALB/437	Large Bore Connector P Clip (pack of 4)	

## HipSpray™










Hand operated mobile teat sprayer complete with stainless steel lance and adjustable nozzle.

- Spray Gun sits comfortably on the hip for immediate use
- Reservoir capacity of 1litre sprays up to 100 cows
- Reliable pump action spray gun and coil
- Variable output of 2 -10 ml with fully adjustable nozzle giving good teat coverage
- Belt, bottle and holster fit easily around waist
- Easy to use
- Ideal for use in stanchion barns or RTS systems



### Ordering Information

#### HipSpray™

Part No	Description	Image
AHS/600	HipSpray™ Complete	
AHS/601	HipSpray™ Gun and Tube	
AHS/602	HipSpray™ Plunger Assembly	
AHS/603	HipSpray™ Tube Ring and Clip	
AHS/604	HipSpray™ Lance Assembly	
AHS/605	HipSpray™ Adjustable Nozzle	
AHS/606	HipSpray™ Bottle, Cap and Filter	
AHS/607	HipSpray™ Belt and Holster	
AHS/608	HipSpray™ Handle Spring	
AHS/609	HipSpray™ Filter	

## 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










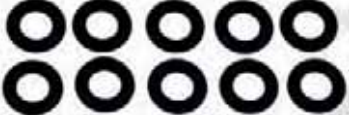

#### PeraSpray™ System

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	
AAF/017	PeraSpray™ Applicator Hanging Hook	
APA/008	PeraSpray™ Nozzle 'O'-Rings for Spray Nozzle (pack of 10)	
APA/461-PA	PeraSpray™ Applicator Connector	

The above spares are specific to the PeraSpray™. For non specific spare parts please see pages 13 to 21.

## 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.

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



Choose the right Dip Cup for your application

Model/ Feature	Standard Dipper™	No.1 Non Return™	Mini Dipper™	Twin Dipper™	Twin Dipper Plus™	Uni Dipper™	Multi Foamer™	Foam Dipper™
Non Return		✓	✓	✓	✓	✓		
Standard Dips	✓	✓	✓			✓		
Barrier Dips				✓	✓	✓		
Foaming Dips							✓	✓
15ml Cup Size			✓					
30ml Cup Size	✓	✓		✓	✓	✓		
Cows	✓	✓	✓	✓	✓	✓	✓	✓
Goats						✓		
Sheep						✓		
Small Teated Animals			✓					



The Ambic Dip Cup Bottle (part number ADC/101) is available as a Spare Part to Fit All Types of Ambic Dip Cup.



## 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™

Reg.Design No. 000704424-0001  
US Patent No 7,753,066  
\*Patent App No. 11863756

## 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

Patent Information  
 PCT/GB2008/050206  
 \*Patent App No. GB0705478.6



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/130  
FoamDipper™

## Teat Dip Bottles, Caps and Bases



ADC/105  
Dip Cup Bottle and Cap



ADC/107  
Dip Cup Base



ADC/106  
Dip Cup Cap



## 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/150	MultiFoamer™
ADC/151-B	MultiFoamer™ service pack (dust cap and 3 filter meshes)
ADC/152-B	MultiFoamer™ screw plug assembly
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™ and FoamDipper™.



- New improved second generation DipMizer™
- New, user friendly D-shaped brush attachment for Dip Cups
- Novel cassette design makes for easy removal of brush for cleaning or replacement
- Retro-fits all Non-Foaming Ambic Dip Cups
- Special low-density bristles designed to remove just enough chemical, but not too much
- Ideal for higher added value premium teat dips

### Dip Cups compatible with the DipMizer™

Standard Dipper™	No.1 Non Return™	Mini Dipper™	Twin Dipper™	Twin Dipper Plus™	Uni Dipper™	Multi Foamer™	Foam Dipper™
✓	✓	✓	✓	✓	✓	x	x



Note: Dip Cup Base sold separately. Please see page 31.

### Ordering Information

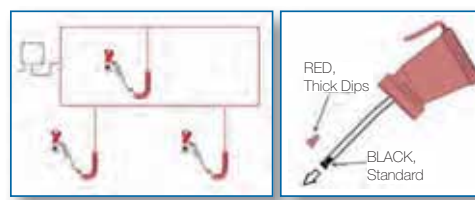
Part No	Description	Colour
ADM/101-B	DipMizer™ (single pack)	Blue
ADM/101-G	DipMizer™ (single pack)	Green
ADM/101-Y	DipMizer™ (single pack)	Yellow
ADM/101-O	DipMizer™ (single pack)	Orange
ADM/103-B	DipMizer™ (pack of 3)	Blue
ADM/103-G	DipMizer™ (pack of 3)	Green
ADM/103-Y	DipMizer™ (pack of 3)	Yellow
ADM/103-O	DipMizer™ (pack of 3)	Orange
ADM/030-5	DipMizer™ brush only (pack of 5)	
ADM/201-B	Cassette DipMizer™ (single pack)	Blue
ADM/201-O	Cassette DipMizer™ (single pack)	Orange
ADM/201-Y	Cassette DipMizer™ (single pack)	Yellow
ADM/201-G	Cassette DipMizer™ (single pack)	Green
ADM/203-B	Cassette DipMizer™ (pack of 3)	Blue
ADM/203-O	Cassette DipMizer™ (pack of 3)	Orange
ADM/203-Y	Cassette DipMizer™ (pack of 3)	Yellow
ADM/203-G	Cassette DipMizer™ (pack of 3)	Green
ADM/230-5	Cassette DipMizer™ brush only (pack of 5)	

## 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	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	

## Fill'n'Dip™

- The Ambic Fill'n'Dip™ system is designed to make the filling of Dip Cups safe, quick and easy. It avoids the need to handle drums of chemicals, thus eliminating expensive spillages and unnecessary wastage of chemical. It is also capable of dispensing chemical direct from the tote.
- The system comprises a pneumatically-operated power unit which sucks up chemical direct from the drum and pumps it to one or more dispenser units conveniently located in or near the milking parlour.
- The Dip Cup bottle is refilled simply by positioning it under the Fill'n'Dip™ dispenser and lifting it against the dispensing unit until the Dip Cup bottle is full.
- The filling process is accomplished in a few seconds using chemical of normal viscosity. Thicker, barrier type dips take a little longer.



Fill'n'Dip™ Dispenser



Fill'n'Dip™ Distribution Line

## Fill'n'Dip™

### Ordering Information

#### Fill'n'Dip™ Systems and Spares

Part No	Description	Image
AFD/2000	MkII Fill'n'Dip™ Power Unit with One Dispenser <ul style="list-style-type: none"> <li>• Power Unit</li> <li>• Dispenser</li> <li>• 15m/50ft Distribution Line Tubing</li> </ul>	
AFD/2002	MkII Fill'n'Dip™ Power Unit with Two Dispensers <ul style="list-style-type: none"> <li>• Power Unit</li> <li>• 2 Dispensers</li> <li>• 15m/50ft Distribution Line Tubing</li> <li>• Distribution Line T Piece</li> </ul>	
AFD/2001	MkII Fill'n'Dip™ Power Unit	
AFD/1006	Fill'n'Dip™ Extension Kit includes: <ul style="list-style-type: none"> <li>• Dispenser</li> <li>• 15m/50ft Distribution Line</li> <li>• Distribution Line T Piece</li> <li>• 4 Cable Ties</li> </ul>	
AFD/1007	Fill'n'Dip™ Dispenser Only	
AFD/1008	Fill'n'Dip™ Dispenser T Piece Only	
AFD/1009	Fill'n'Dip™ Extension Kit Tubing 15m/50ft	



## 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
- Less chemical consumption than spraying
- No more manual filling of Dip Cups
- Quicker than manual dipping

Whilst teat dipping generally achieves better teat coverage at 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 39)



EasiDipper™ System



EasiDipper™ Applicator

### Ordering Information

#### EasiDipper™ Systems

Part No	Description	Colour*	Image
AED/4000	EasiDipper™ System with 3 Applicators (lever gun style)	Blue	
AED/4000-Y		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/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	
AED/4006 AED/4006-Y	EasiDipper™ Applicator Top	Blue Yellow	

\* Please state which colour when ordering

**EasiDipper™ Spares (continued)**

Part No	Description	Colour*	Image
AED/4016	EasiDipper™ Adjustable Pressure Module		
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/4018	EasiDipper™ Applicator Tube Connector (pack of 2)		
AED/4446	EasiDipper™ Pump Inlet and Outlet Non Return Valve Kit (pack of 2)		

The above spare parts are specific to the EasiDipper™ for non specific spare parts please see pages 13 to 21.

## EasiDipper™ (Viton Version)

### 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 Suitable for Chlorine Dioxide and Lactic Acid Based Chemicals (lever gun style)	Blue Yellow	
AED/5000-V	EasiDipper™ System with 3 Applicators - Viton Seals Suitable for Chlorine Dioxide and Lactic Acid Based Chemicals (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 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 kits with 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 including 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 low level alarm feature to warn when chemical level is low when used with optional lance 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 Elbow, Straight &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 Elbow, Straight &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	<p>EasiFoamer™ Kit – Twin Pump with One Applicator</p> <p>Kit Includes:</p> <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 Elbow, Straight &amp; T Connectors</li> <li>• 20 Twin Tube Support Guides &amp; Cable Ties</li> </ul>	
AEF/002-2	<p>EasiFoamer™ Kit – Twin Pump with Two Applicators</p> <p>Kit Includes:</p> <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 Elbow, Straight &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)	

## EasiFoamer™ Spares

Part No	Description	Image
AEF/001-100	EasiFoamer™ Replacement PCB for EasiFoamer™ Single Pump Power Unit	
AEF/002-100	EasiFoamer™ Replacement PCB for EasiFoamer™ Twin Pump Power Unit	
ALP/101	EasiFoamer™ Replacement Peristaltic Pump Tube for Single Pump Unit	
ALP/101-2	EasiFoamer™ Replacement Peristaltic Pump Tube Set for Twin Pump Unit	
ALP/100-12	EasiFoamer™ Peristaltic Pump Motor and Gear Box Assembly for AEF/001 Single Pump and AEF/002 Twin Pump Units	
ALP/103	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	

## EasiFoamer™ Spares

Part No	Description	Image
ALP/115	EasiFoamer™ Silicone Grease (Required when replacing Peristaltic Pump Tubes AEF/022 and AEF/023)	
AFF/200-35-10	EasiFoamer™ 35 cm Low Level Alarm Lance for 5-10 Litre Container	
AFF/200-50-10	EasiFoamer™ 50 cm Low Level Alarm Lance for 20-25 Litre Container	
AFF/200-75-10	EasiFoamer™ 75 cm Low Level Alarm Lance for 50-60 Litre Container	
AFF/200-110-10	EasiFoamer™ 110 cm Low Level Alarm Lance for 200 Litre Containers / IBC	






## EasiFoamer™ & AutoFoamer™ Universal Spares

Part No	Description	Image
AAF/004	EasiFoamer™ & AutoFoamer™ Lance Assembly	
AAF/005	EasiFoamer™ & AutoFoamer™ Compressed Air Regulator	
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™ and AutoFoamer™ Pressure Switch	

## EasiFoamer™ & AutoFoamer™ Universal Spares

Part No	Description	Image
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/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)	
AAF/018	EasiFoamer™ & AutoFoamer™ Dropper Support Bracket	
AAF/019	EasiFoamer™ & AutoFoamer™ T Piece (twin pack)	
AAF/020	EasiFoamer™ & AutoFoamer™ Straight Connectors with End Plugs (pack of 2)	
AAF/021	EasiFoamer™ & AutoFoamer™ Elbow Connectors (twin pack)	

## EasiFoamer™ / AutoFoamer™ Universal Spares

Part No	Description	Image
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 - White PP (pack of 2)	

## AutoFoamer™ Only Spares

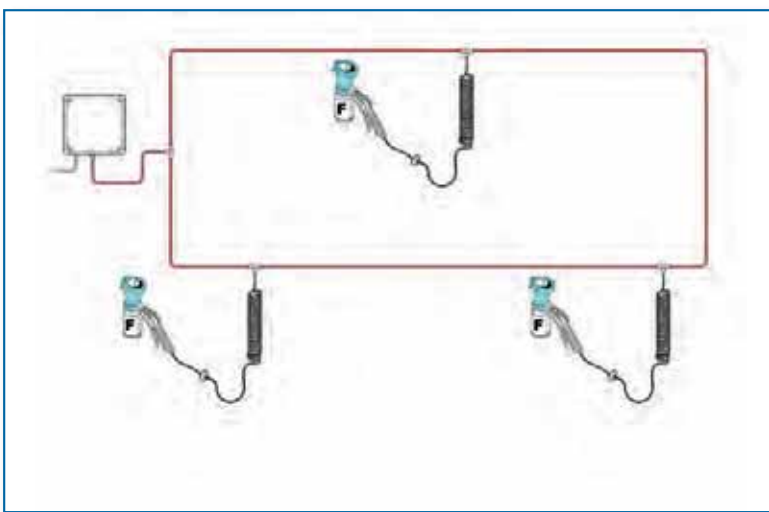
Part No	Description	Image
AAF/012	AutoFoamer™ Remote Pressure Switch Conversion Kit	
AAF/036	AutoFoamer™ Remote Pressure Switch Voltage Reduction Board	
AAF/022	AutoFoamer™ Pump Tube Set - Single Pump	
AAF/023	AutoFoamer™ Pump Tube Set - Twin Pump	
AAF/025	AutoFoamer™ Transparent Pump Cover and Back 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 and 1.0A Fuse)	
AAF/303	AutoFoamer™ Roller Assembly Spare	



## PowerFoamer™

Systems available in a pneumatic version that uses existing on-farm air supply and 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 applicator 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








PowerFoamer™ Diagrammatic Layout







PowerFoamer™

## Ordering Information











### Electric PowerFoamer™

Part No	Description	Image
APF/001	Electric PowerFoamer™ System Complete System includes: <ul style="list-style-type: none"> <li>• Power Unit</li> <li>• 3 Applicators with Drop Coil</li> <li>• 30m LDPE Tubing</li> <li>• 3 Extra Bottles with Caps</li> <li>• Raw/plugs and Screws</li> </ul>	
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: <ul style="list-style-type: none"> <li>• Air Regulator</li> <li>• 3 Applicators with Drop Coil</li> <li>• 30m LDPE Tubing</li> <li>• 3 Extra Bottles with Caps</li> <li>• Raw/plugs and Screws</li> </ul>	
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'-Rings Set (pack of 3)	
APF/131	PowerFoamer™ Foam Head for Applicator	
ADC/101	PowerFoamer™ Bottle Only	

## Foam'n'Dip™

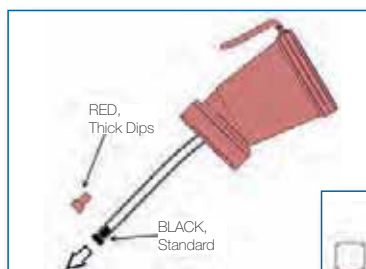
Integrated Pre- and Post- Teat Sanitisation System



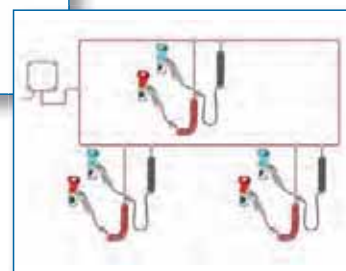
Foam'n'Dip™ is a simple, economical and yet highly effective dual purpose teat sanitisation system which generates low pressure compressed air to automate both pre- and post- teat sanitisation processes. The system comprises a mains operated dual purpose Air Power Unit which is used to operate a combination 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 <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>• Raw/plugs and Screws</li> </ul>	
FND/300	Foam'n'Dip™ System Complete - Pneumatic Version <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>• Raw/plugs 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	



## Mastitis**D**etectors

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 milk tube. The second generation Vision16 fits 14-16mm 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








Mastitis Clots








## Ordering Information

### Vision16

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

### Vision14

Part No	Description	Image
AV/005-14	Vision14 MastitisDetector (single pack)	
AV/001-14	Vision14 MastitisDetectors (pack of 4)	
AV/002-14	Vision14 MastitisDetector Screens (pack of 2)	
AV/006-14	Vision14 Transparent Body	
AV/003-14	Vision14 Detector 'O'-Rings (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 a NEW ultrasonically-welded body cap 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	
<b>NEW</b> AMS/204	MilkSampler Body & Sealing Cap with Ultrasonically-Welded Body Cap	
AMS/205	MilkSampler Body Caps (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

### NEW IMPROVED DESIGN

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 stainless steel tubing
- Alternative model (AF/020) now available with Tri-Clover Fittings
- Filters milk from typically 120 cows maximum (average soiling) at one milking



Twin FlowFilter Installation



FlowFilter - Rubber Connector Version



FlowFilter - Tri-Clover Version

### Ordering Information

#### FlowFilter

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



## 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/021	2 x 40mm x 32mm Rubber Reducing Bushes for FlowFilter. Suits 32mm (nominal) Outside Diameter Stainless Steel Tubing (pack of 2)	
AP/022	2 x 40mm x 32mm Rubber Reducing Bushes with 4 x Hose Clips. Suits 32mm (nominal) 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/001-14	QMI™ Quarter Milk Isolator with OD 14mm Stainless Steel Elbow	
AQM/001	QMI™ Quarter Milk Isolator with OD 12.7mm Stainless Steel Elbow	
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), ID 11mm	
AQM/006	QMI™ Quarter Milk Isolator Silicone Rubber Hose 26" (66cm), ID 11mm	
AQM/007	QMI™ Quarter Milk Isolator Silicone Rubber Hose Per Foot - 12" (30.5cm), ID 11mm (Please state the length required in feet when ordering)	
AQM/008-14	QMI™ Quarter Milk Isolator 14mm Stainless Steel 90° Connector Elbow	
AQM/008	QMI™ Quarter Milk Isolator 12.7mm Stainless Steel 90° Connector Elbow	
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	<b>NEW</b> Non Return Valve Intake Filter	 A black plastic filter with a white mesh screen and a threaded end. A small inset shows a close-up of the mesh.
ATP/001	Blind Teat Plug	 A blue plastic teat plug with a ring handle.
AAF/017	Parlour Hanging Hook	 A black metal hook with a long stem.
ATS/480	Filter Disk	 A circular white filter disk with a blue rim.
AAF/018	Dropper Support Bracket	 A blue plastic bracket with a curved end and a hook.
AAF/030-10	Flexible Tube Bracket (pack of 10)	 A blue plastic bracket with two long, thin arms.
ADC/105	Chemical Sample Bottle and Cap	 A white plastic bottle with a blue cap and the AMBIC logo.

## Flash'n'Fill™

Low Level Alarm System with Auto-Refill Capability



Flash'n'Fill™ is a stand-alone electronic warning device which operates in conjunction with float switch(es) 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.

The unit includes an auto-refill facility which uses a dual float switch to control a peristaltic pump to initiate an automatic refill of the container when the level falls below the lower float switch level; the higher float switch level halts the refill procedure when the container is full. The unit also includes a 'fail safe' safety timer which halts the pump after a run time of 10 minutes.

### Features:

- Range of float switches to suit a range of chemical containers
- Easy to install and operate
- Mute facility to disable the sounder mid-alarm
- 230V AC input voltage
- 24 and 100V AC input version also available
- High volume sounder

### Optional Equipment:

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

## Ordering Information

### Flash'n'Fill™ Controller

Part No	Description
AFF/100-6	Flash'n'Fill™ Controller with 6 Channels
AFF/100-10	Flash'n'Fill™ Controller with 10 Channels
AFF/100-10-AR	Flash'n'Fill™ Controller with Auto-Refill Facility (8 Low Level Alarm Channels plus 1 Auto-Refill Channel)

## Ordering Information

### Flash'n'Fill™ Lances and Cable Lengths

Part No	Description	Lance Size	Cable Length
AFF/200-35-10	Flash'n'Fill™ Lance for 5-10 Litre Container	35 cm	10 m
AFF/200-50-10	Flash'n'Fill™ Lance for 20-25 Litre Container	50 cm	10 m
AFF/200-75-10	Flash'n'Fill™ Lance for 50-60 Litre Container	75 cm	10 m
AFF/200-110-10	Flash'n'Fill™ Lance for 200 Litre Container or IBC	110 cm	10 m
AFF/300-35-10	Flash'n'Fill™ Auto-Refill Lance for 5-10L Container	35 cm	10 m
AFF/300-50-10	Flash'n'Fill™ Auto-Refill Lance for 20-25L Container	50 cm	10 m
AFF/300-75-10	Flash'n'Fill™ Auto-Refill Lance for 50-60L Container	75 cm	10 m

## Peristaltic Pumps



Low Volume Peristaltic Pump (with stainless steel back plate and pre-drilled top and bottom holes) 9, 12 or 24 Volts



Low Volume Peristaltic Pump 230V AC

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 20 ml 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, and 24V DC and 230V 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 in a range of applications. The tubes are available in a number of different bore (1.8mm, 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 back plate (NP) or with a pre-drilled stainless steel back 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 it to prime from dry.

### Ordering Information

#### Low Volume Peristaltic Pumps

Part No	Description	Image
ALP/9-VI606 ALP/9-SA625 ALP/9-SI635	Low Volume Peristaltic Pump - 9V DC 6.0mm Viton Tube 6.2mm Santoprene Tube 6.3mm Silicone Tube Supplied with 1M 2 Core Red/Black Cable with Rubber Shroud <i>(Model without back plate illustrated - NP)</i>	
ALP/12-VI606 ALP/12-SA625 ALP/12-SI635	Low Volume Peristaltic pump - 12V DC 6.0mm Viton Tube 6.2mm Santoprene Tube 6.3mm Silicone Tube Supplied with 1M 2 Core Red/Black Cable with Rubber Shroud <i>(Model with stainless steel back plate pre-drilled left and right illustrated - LR)</i>	
ALP/24-VI606 ALP/24-SA625 ALP/24-SI635	Low Volume Peristaltic Pump - 24V DC 6.0mm Viton Tube 6.2mm Santoprene Tube 6.3mm Silicone Tube Supplied with 1M 2 Core Red/Black Cable with Rubber Shroud <i>(Model with stainless steel back plate pre-drilled top and bottom illustrated - TB)</i>	
ALP/230-VI606 ALP/230-SA625 ALP/230-SI635	Low Volume Peristaltic Pump - 230V AC 6.0mm Viton Tube 6.2mm Santoprene Tube 6.3mm Silicone Tube Supplied with 20cm Brown/Blue Wires	

## Low Volume Peristaltic Pumps

### Ordering Information

#### Low Volume Peristaltic Pumps Spares and Accessories

Part No	Description	Image
ALP/100-9	9V DC Motor and Gear Box Assembly	
ALP/100-12-LI	12V DC Motor and Gear Box Assembly	
ALP/100-24	24V DC Motor and Gear Box Assembly	
ALP/100-230-80	80rpm 230V AC Motor and Gear Box Assembly	
ALP/100-VI606	Roller and 6.0mm Viton Tube with Spigots for Low Volume Peristaltic Pump	
ALP/101-VI606	6.0mm Viton Tube with Spigots	
ALP/101-SA625	6.2mm Santoprene Tube with Spigots	
ALP/101-SI635	6.3mm Silicone Tube with Spigots	
ALP/102	Spinner Assembly for 6.3mm Santoprene and Silicone Tubes	
ALP/103	ABS Pump Block and Cover with Screws	
ALP/104	Non Return Valve Manifold Assembly	



## Low Volume Peristaltic Pumps

### Ordering Information

#### Low Volume Peristaltic Pumps Spares and Accessories

Part No	Description	Image
ALP/105	6mm Stainless Steel Tank Fitting	
ALP/106	6mm Stainless Steel Long Tank Fitting	
ALP/107	6mm Right Angle Stainless Steel Tank Fitting	
ALP/108	8mm Stainless Steel Tank Fitting	
ALP/109	10mm Stainless Steel Tank Fitting	
ALP/110	Tee Piece with Stainless Steel Non Return Valve	
ALP/111	Stainless Steel Check Valve with 6mm Push-On Fitting	
ALP/112	In Line Nylon Non Return Valve with Spigots on Both Ends	
ALP/113	1/8" BSP Stainless Steel Check Valve Assembly	
ALP/114	Plastic Foot Valve	
ALP/115	Silicone Grease (Required when replacing Peristaltic Pump Tubes)	

## Low Volume Dispensing Pump Assemblies

In addition to a comprehensive range of peristaltic pumps, Ambic has a wide range of single and dual dispensing pump assemblies which are available to suit a variety of applications, such as dosing chemicals (e.g acid and alkaline) for milking machine or bulk tank cleaning and/or rinsing. The dispensing pump assemblies are also suitable for laundry and ware washing applications.

The range includes both low and high volume single or dual pump assemblies with 12V DC motors. In addition to 'push button' manual control, a range of automated dosing models are available, including assemblies with speed, time or conductivity control options.



### Ordering Information

#### Low Volume Dispensing Pump Assemblies

Part No	Description	Image
ALD/100-12-SA465	<p>Low Volume Single Dispensing Pump Assembly with Manual Push Button Control</p> <ul style="list-style-type: none"> <li>• 12V DC Motor</li> <li>• 4.6mm Santoprene Tube</li> <li>• Adjustable Run Time</li> <li>• Prime Function</li> <li>• Power On LED</li> </ul> <p><i>Alternative Tube Sizes and Polymer Types Available Upon Request</i></p>	
ALD/101-12-SA465	<p>Low Volume Single Dispensing Pump Assembly with Machine Trigger Control</p> <ul style="list-style-type: none"> <li>• 12V DC Motor</li> <li>• 4.6mm Santoprene Tube</li> <li>• Adjustable Run Time</li> <li>• Prime Function</li> <li>• Power On LED</li> </ul> <p><i>Alternative Tube Sizes and Polymer Types Available Upon Request</i></p>	
ALD/102-12-SA465	<p>Low Volume Single Dispensing Pump Assembly with Speed Control</p> <ul style="list-style-type: none"> <li>• 12V DC Motor</li> <li>• Pump Operates While AC Supply is Connected to Unit</li> <li>• 4.6mm Santoprene Tube</li> <li>• Adjustable Run Time</li> </ul> <p><i>Also available in 24V DC, 115V AC and 230V AC Input</i></p> <p><i>Alternative Tube Sizes and Polymer Types Available Upon Request</i></p>	
ALD/103	<p>Enzyme Unit - Single Pump Assembly Designed for Dispensing Chemicals at Pre-Determined Times</p> <ul style="list-style-type: none"> <li>• 12V DC Motor</li> <li>• 4.6mm Santoprene Tube</li> <li>• Pump Operates from Integral Time Clock which can be Pre-set to Run at Pre-Determined Times Day or Night</li> <li>• Adjustable Run Time</li> <li>• Ideal for Wash Ware Applications to Spray Enzyme Solutions to Break Down Fat Accumulation</li> </ul>	

## Low Volume Twin Dispensing Pump Assemblies

Low Volume Twin Dispensing Pump Assemblies are available with 24 / 230V AC inputs and are designed as multi-functional units which are able to dispense any two chemicals such as acid and alkaline detergents or wash and rinse solutions.

Dispensing of chemical can be controlled by time, speed or conductivity. Dispensing of rinse solution can be controlled by time or speed.

The module also includes a cyclic top up feature which enables rinse solutions to be topped up automatically at regular intervals during the rinse cycle.



### Ordering Information

#### Low Volume Twin Dispensing Pump Assemblies

Part No	Description	Image
ALD/200	<p>Low Volume Twin Dispensing Pump Systems</p> <ul style="list-style-type: none"> <li>• 24/230V AC Input</li> <li>• 4.6mm Santoprene Tube (detergent)</li> <li>• 1.8mm Santoprene Tube (rinse)</li> <li>• Adjustable Run Time</li> <li>• Prime Function</li> <li>• Power On LED</li> <li>• Requires Machine Signal</li> <li>• Cyclic Top Up Facility</li> </ul> <p><i>Detergent / Alkaline Control Options</i></p> <ul style="list-style-type: none"> <li>• <i>Timer Control</i></li> <li>• <i>Speed Control</i></li> <li>• <i>Conductivity Control</i></li> </ul> <p><i>Rinse / Acid Control Options</i></p> <ul style="list-style-type: none"> <li>• <i>Timer Control</i></li> <li>• <i>Speed Control</i></li> </ul> <p><i>Alternative Tube Sizes and Polymer Types Available Upon Request</i></p>	

## High Volume Peristaltic Pumps

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 several different diameters (9.6mm or 12.7mm bore) to cater for a range of delivery rates, option of 1/2" or 3/4" Spigots.

RFE 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

#### High Volume Peristaltic Pump and Motor Assemblies

Part No*	Motor Size	RPM	Tube Size	Spigot Size**	Image
AHP/100-12-965-40	12V DC	40	9.6mm	3/4"	
AHP/100-12-1275-40	12V DC	40	12.7mm	3/4"	
AHP/100-12-965-80	12V DC	80	9.6mm	3/4"	
AHP/100-12-1275-80	12V DC	80	12.7mm	3/4"	
AHP/100-12-965-120	12V DC	120	9.6mm	3/4"	
AHP/100-12-1275-120	12V DC	120	12.7mm	3/4"	
AHP/100-12-965-160	12V DC	160	9.6mm	3/4"	
AHP/100-12-1275-160	12V DC	160	12.7mm	3/4"	
AHP/100-24-965-40	24V DC	40	9.6mm	3/4"	
AHP/100-24-1275-40	24V DC	40	12.7mm	3/4"	
AHP/100-24-965-80	24V DC	80	9.6mm	3/4"	
AHP/100-24-1275-80	24V DC	80	12.7mm	3/4"	
AHP/100-24-965-120	24V DC	120	9.6mm	3/4"	
AHP/100-24-1275-120	24V DC	120	12.7mm	3/4"	
AHP/100-24-965-160	24V DC	160	9.6mm	3/4"	
AHP/100-24-1275-160	24V DC	160	12.7mm	3/4"	
AHP/100-230-965-40	230V AC	40	9.6mm	3/4"	
AHP/100-230-1275-40	230V AC	40	12.7mm	3/4"	
AHP/100-230-965-80	230V AC	80	9.6mm	3/4"	
AHP/100-230-1275-80	230V AC	80	12.7mm	3/4"	
AHP/100-230-965-120	230V AC	120	9.6mm	3/4"	
AHP/100-230-1275-120	230V AC	120	12.7mm	3/4"	
AHP/100-230-965-160	230V AC	160	9.6mm	3/4"	
AHP/100-230-1275-160	230V AC	160	12.7mm	3/4"	

\* Please specify polymer type when ordering \*\* 1/2" Spigots available upon request

## High Volume Peristaltic Pumps

### Ordering Information

#### High Volume Peristaltic Pump Motor Spares

Part No	Motor Size	RPM	Image
AHP/100-12-40	12V DC	40	
AHP/100-12-80	12V DC	80	
AHP/100-12-120	12V DC	120	
AHP/100-12-160	12V DC	160	
AHP/100-24-40	24V DC	40	
AHP/100-24-80	24V DC	80	
AHP/100-24-120	24V DC	120	
AHP/100-24-160	24V DC	160	
AHP/100-230-40	230V AC	40	
AHP/100-230-80	230V AC	80	
AHP/100-230-120	230V AC	120	
AHP/100-230-160	230V AC	160	

### Ordering Information

#### High Volume Peristaltic Pump Spares and Accessories

Part No	Description*	Image
AHP/100-SA-12 AHP/100-SA-09	High Volume Peristaltic Pump Tube with Spigots <ul style="list-style-type: none"> <li>• 12.7mm Bore Santoprene, 3/4" Spigots</li> <li>• 9.6mm Bore Santoprene, 3/4" Spigots</li> <li>• 12.7mm Bore Santoprene, 1/2" Spigots</li> <li>• 9.6mm Bore Santoprene, 1/2" Spigots</li> </ul>	
AHP/102	High Volume Peristaltic Pump Spinner Assembly	
AHP/103	High Volume Peristaltic Pump Block Cover with Screws	
AHP/114	Non Return Foot Valve for 12mm Bore Tube	
ALP/115	Silicone Grease (Required when replacing Peristaltic Pump Tubes)	

\*1/2" Spigots available upon request

## High Volume Dispensing Pump Assemblies



High volume dispensing pumps are available in single, double or triple pump assemblies and include models with 110V AC and 230V AC motors.

### HIGH VOLUME SINGLE DISPENSING PUMP ASSEMBLIES

High Volume Single Dispensing Pump Assemblies are used in a variety of applications including dispensing of chemicals for milking machine and bulk tank cleaning systems.

### Ordering Information

#### Single Dispensing Pump Assemblies

Part No	Description	Image
AHD/100-230-SA1275 AHD/100-230-SA965	<p>High Volume Single Dispensing Pump Assembly</p> <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 12.7mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <p>• 230V AC</p> <ul style="list-style-type: none"> <li>• 9.6mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <p><i>Other Tube and Spigot Sizes and a Range of Alternative Polymer Types Available Upon Request</i></p>	
AHD/101-230-SA1275 AHD/101-230-SA965	<p>High Volume Single Dispensing Pump Assembly with Variable Speed Control</p> <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 12.7mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 9.6mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <p><i>Other Tube and Spigot Sizes and a Range of Alternative Polymer Types Available Upon Request</i></p>	


### HIGH VOLUME TWIN DISPENSING PUMP ASSEMBLIES

High volume twin dosing pump assemblies are available with 230V AC motors and can operate with either a 12V or 24V DC signal.

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 to prevent simultaneous dispensing of acid and alkaline solutions.

### Ordering Information

#### High Volume Twin Dispensing Pump Assemblies

Part No	Description	Image
AHD/200-230-2-SA1275 AHD/200-230-2-SA965	<p>High Volume Twin Dispensing Pump Assembly</p> <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 12.7mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 9.6mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <p><i>Other Tube and Spigot Sizes and a Range of Alternative Polymer Types Available Upon Request</i></p>	




## High Volume Dispensing Pump Assemblies

### HIGH VOLUME TRIPLE DISPENSING PUMP ASSEMBLIES

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

#### Ordering Information

#### High Volume Triple Dispensing Pump Assemblies

Part No	Description	Image
AHD/300-230-3-SA1275	Three Pump High Volume Peristaltic Dispensing Pump Assembly <ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 12.7mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul>	
AHD/300-230-3-SA965	<ul style="list-style-type: none"> <li>• 230V AC</li> <li>• 9.6mm Bore Santoprene Tube</li> <li>• 3/4" Spigots</li> </ul> <p><i>Option of Silicone Tubes also Available.</i></p>	

## Peristaltic Pump and Dispensing Pump Accessories



The OptoCoupler is an optical isolator which provides electrical isolation between an input source and the output load. It achieves this by interconnecting two separate electrical circuits by means of a light sensitive optical interface using a device known as a photo-coupler.


When the current flowing through the OptoCoupler LED is interrupted, the infra-red emitted light is cut-off, causing the photo-transistor to cease conducting. In this way the photo-transistor can be used to switch current in the output circuit.

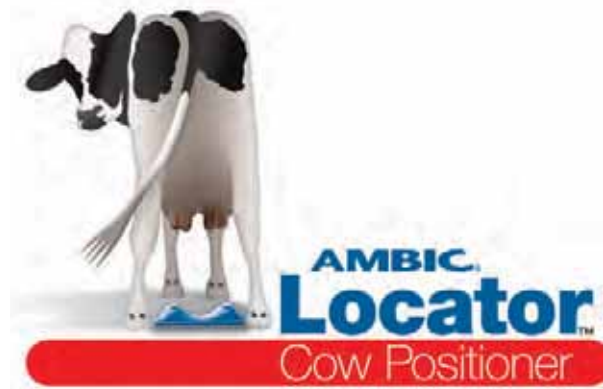
The OptoCoupler is a useful electronic device which allows devices to be controlled from a digital switch, low voltage data signal or from a PC's output port.

The main advantage of the OptoCoupler is its high electrical isolation between the input and output terminals allowing relatively small digital signals to safely control much larger AC voltages, currents and power.

#### Ordering Information

#### OptoCoupler

Part No	Description	Image
APS/100	OptoCoupler	



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 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 Locator™ system can be supplied with a unique mounting plate which makes provision for a range of mounting options and includes an adjustment facility for accurate positioning. The Locator™ body is then bolted to the mounting plate using the mounting set supplied.

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



Locator™ for Direct Mounting - Exploded View



Locator™ in Use

- 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



ACL/105-M  
Mounting Kit for Rubber Matting



ACL/106  
Anchor Punch



ACL/105-C and ACL/105-T  
Stainless Steel Anchor Fittings for  
Tile and Concrete

## Ordering Information

### Locator™ Body Kit - Direct Mounting

Part No	Description
ACL/100G	Locator™ Body Kit - Direct Mount Including Gasket
ACL/105-C-40	Mounting Kit for Concrete Platform
ACL/105-T-70	Mounting Kit for Tiled Platform (tile depth 21 to 30mm)
ACL/105-T-80	Mounting Kit for Tiled Platform (tile depth 31 to 40mm)
ACL/105-T-90	Mounting Kit for Tiled Platform (tile depth 41 to 50mm)
ACL/105-M-45	Mounting Kit for Rubber Matting (matting depth 10 to 15mm)
ACL/105-M-50	Mounting Kit for Rubber Matting (matting depth 16 to 20mm)
ACL/105-M-55	Mounting Kit for Rubber Matting (matting depth 21 to 25mm)

### Spare Parts

Part No	Description
ACL/101	Locator™ Body Only
ACL/103	Locator™ Mounting Bolt Set Complete
ACL/104	Locator™ Sealing Bungs (pack of 4)
ACL/106	Locator™ Anchor Punch
ACL/107	Locator™ Sealing Gasket
ACL/108	Locator™ Rigid Drilling Template
ACL/117	Locator™ Sealing Gasket and Four Bungs



ACL/106  
Anchor Punch



ACL/107  
Sealing Gasket



ACL/108  
Rigid Drilling Template



Locate'n'Spray™ is a new, 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 system. It thereby combines significant labour cost savings with improved levels of teat and udder health care.

Locate'n'Spray™ is a patented\* new 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 new, 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

\* Patent Information  
 UK Registered Design 4014490  
 Australian Registered Design Number 201011853  
 UK Patent Application Number 1004243.0  
 PCT Patent Application PCT/GB2011/050482



Patented Teat Spray Configuration









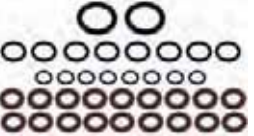







## Ordering Information

### Locate'n'Spray™

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™ Spares

Part No	Description	Image
ALS/150	Locate'n'Spray™ Plumbing Manifold	
ALS/155	Locate'n'Spray™ Short Tube	
ALS/160	Locate'n'Spray™ Long Tube	
ALS/170	Locate'n'Spray™ Nozzle Manifold	
ALS/180	Locate'n'Spray™ Nozzle Block and Screws (pack of 4) (nozzles not included)	
ALS/190	Locate'n'Spray™ Nozzles with 'O' Rings (pack of 4)	
ALS/195	Locate'n'Spray™ 'O' Rings 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/220	Locate'n'Spray™ Vacuum Switch	
ALS/230	Locate'n'Spray™ Whisker Switch	
ALS/240	Locate'n'Spray™ Optical Cow Detection Switch	
ALS/250	Locate'n'Spray™ RF Transmission Device	

## AiREADY™

As every farmer knows, missed heats cost you 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
- Four highly visible colours



AR/040-S  
AiREADY™ Starter Pack

### 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-M	AiREADY™	10	Magenta
AR/025-M	AiREADY™	25	Magenta
AR/050-M	AiREADY™	50	Magenta
AR/100-M	AiREADY™	100	Magenta
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/040-MPACK	AiREADY™ 4 Colour Multi-Pack	40	Multi
AR/040-S	AiREADY™ Starter Pack	40	Multi
AR/001	Spare Tack Cloth	1	



## AiALERT™

Simple, Reliable, Heat Detection

- AiALERT™ is a simple self-adhesive device which is easily attached to the cow to provide effective visual evidence of bulling behaviour.
- AiALERT™ 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.



### Ordering Information

#### AiALERT™

Part No	Description	Pack Size
AA/010	AiALERT™	10
AA/040	AiALERT™	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 16 mm and 19 mm 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		



## UdderWash Guns

The UdderWash Gun has been manufactured to cope with the most rigorous conditions. 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 parlour wash down gun with barbed hose tail. Available in a choice of four sizes.



VS1B  
VoluSpray Body Only



Barbed Hose Tails

### 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
VS3/4NP	VoluSpray Gun with 3/4" NPSH Adaptor	
VS3/4GHT	VoluSpray Gun with 3/4" GHT Adaptor	
VS1NP	VoluSpray Gun with 1" NPSH Adaptor	
VS1B	VoluSpray Body Only	
VS6	Barbed Hose Tail	20mm
VS5	Barbed Hose Tail	25mm
VS7	Barbed Hose Tail	32mm
VS8	Barbed Hose Tail	40mm
VS109	Adaptor 3/4" NPSH with Gaskets for Voluspray	
VS110	Adaptor 3/4" GHT with Gaskets	
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 of high quality durable plastic.

### Ordering Information

#### PortaSpray

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



TRA5-B  
PortaSpray Trigger and Nozzle only



PS8-B  
PortaSpray with  
Short Nozzle with Stainless Steel Jet

## PortaSpray Nozzles

PortaSpray nozzles are available with either 11mm or 12mm threads. The 11mm thread fits the PortaSpray trigger heads TR2-11-B and TR2-11-W. 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 Nozzle	11mm	Stainless Steel	Blue
RA4-11-W	Standard Nozzle	11mm	Stainless Steel	White
RA40-11-B	Standard 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 Nozzle	12mm	Stainless Steel	Blue
RA2-12-W	Standard Nozzle	12mm	Stainless Steel	White
RA20-12-B	Standard Nozzle	12mm	Plastic	Blue
RA50-12-B	Extended Plastic Nozzle	12mm	Stainless Steel	Blue
RA50-12-W	Extended Plastic Nozzle	12mm	Stainless Steel	White



**Over 80% of our products are exported worldwide**

[www.ambic.co.uk](http://www.ambic.co.uk)

#### General Terms and Conditions

All prices are RRP in £'s excluding VAT E+OE

Not all products are available in all markets. Please contact Ambic for further information.

Ambic's policy is one of continuous improvement. We reserve the right to alter both price and specification without prior notice, although every effort will be made to inform our customers.

Goods are sold subject to Ambic's current Terms and Conditions of Sale, copies of which are available on request or at [www.ambic.co.uk/legal.html](http://www.ambic.co.uk/legal.html)

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