



AMBIC[®]
ANIMAL HEALTH



Ambic UK product guide

Issue 1.0

Leading best practice in livestock health management





AMBIC[®]
ANIMAL HEALTH



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Welcome to Ambic

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

Innovation

After its foundation in 1978, Ambic collaborated with the National Institute for Research in Dairying (NIRD), based at the University of Reading, at a time when NIRD was conducting pioneering research into the detection and prevention of mastitis. Ambic was first to market with key mastitis-detection and mastitis- prevention technologies, particularly for teat dipping and teat spraying. In subsequent years it was also first to market with teat-foaming technologies.

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

Quality

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

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

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

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

Made in England

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

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

Teamwork

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

Feedback

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

For further information contact sales@ambic.co.uk Tel: +44 01993 776555



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)	OptiFlow™ - Viton Version	OptiDipper™
Application												
Pre-milking	✓	✓			✓	✓		✓	(✓)	(✓)		✓
Post-milking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ruminant/Herd												
Cows	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Small teated cows					✓		✓	✓			✓	✓
Goats						✓	✓	✓				✓
Sheep						✓		✓				✓
Small herds	✓	✓	✓	✓	✓	✓	✓	(✓)	✓	✓		✓
Medium herds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Large herds	✓	✓	✓	✓	✓	✓	✓	✓	(✓)	(✓)	✓	✓
Chemical Type												
Standard dips	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
Barrier dips			✓	✓		✓		(✓)	✓	✓	✓	✓
Chlorine dioxide	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓*
Lactic acid	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓	✓	✓*
Foam dips												
Power Source												
Manual	✓	✓	✓	✓	✓	✓	✓					
Vacuum								✓			✓	✓
Electric									✓			
Compressed air										✓		

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								
PortaSpray	JetStream™ - Vision Version	OptiSprayer™	MultiFoamer™ & FoamDipper™	Foam'n'Dip™ (Electric Version)	Foam'n'Dip™ (Pneumatic Version)	PowerFoamer™ (Electric Version)	PowerFoamer™ (Pneumatic Version)	EasiFoamer™ and EasiFoamer Plus™
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	(✓)	✓	✓	(✓)	(✓)	(✓)
✓	(✓)	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	(✓)	✓	✓	✓	✓	✓	✓	(✓)
✓	✓	✓	✓	✓	✓	✓	✓	✓
(✓)	✓	✓	(✓)	(✓)	(✓)	(✓)	(✓)	✓
✓		✓		✓	✓			
✓	✓	✓*	✓	✓	✓	✓	✓	✓
✓	✓	✓*	✓	✓	✓	✓	✓	✓
			✓	✓	✓	✓	✓	✓
✓			✓					
	✓	✓						
				✓		✓		✓
					✓		✓	✓



NEW OptiSprayer™ and OptiDipper™

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

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

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



Features

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

For more information, including Viton Version, please see pages 8 and 9.

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

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

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

Please see pages 36-39.



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

Please see pages 36-39.






JetStream™ Teat Spray System

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




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



Ordering information: JetStream™ Systems - Viton Version

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

Ordering information: JetStream™ Viton Version with OptiSprayer™ Top Load Gun

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





AJS/5600-V-TL	JetStream™		Trigger	Stainless Steel - Standard (16cm)	Stainless Steel	Blue
AJS/5600E-V-TL	JetStream™		Trigger	Stainless Steel - Extended (25cm)	Stainless Steel	Blue

Ordering information: JetStream™ Viton Version with OptiSprayer™ Bottom Load Gun

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

JetStream™ Power Unit Spares

Ordering information: JetStream™ Power Unit Viton Spares

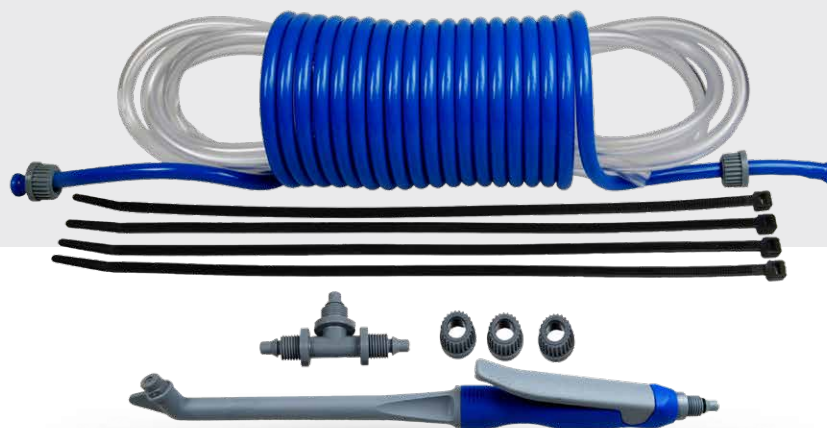
Part No	Description	Content	Compatability	Image
AJS/2001-V AJS/2001-Y-V AJS/2001-G-V	JetStream™ Power Unit - Viton Version	JetStream™ Power Unit - Blue JetStream™ Power Unit - Yellow JetStream™ Power Unit - Green Intake Filter Vacuum Connector	JetStream™	
AJS/2024	JetStream™ Annual Minor Service Kit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

Teat Spray Gun Extension Kits

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

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

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



Ordering information: Extension Kits - Lever and Button Guns






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

*Please state which colour when ordering

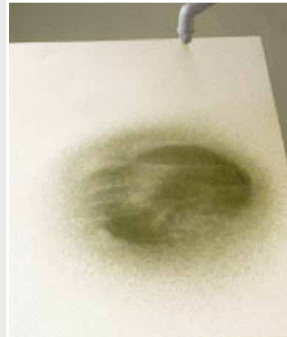
Ordering information: JetStream™ Extension Kits with OptiSprayer™ Top Load Gun

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

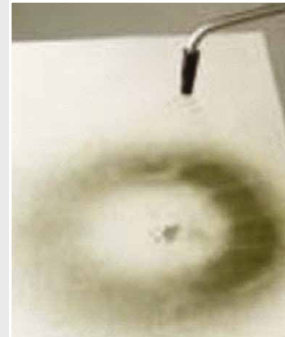
Ordering information: **JetStream™ Extension Kits with OptiSprayer™ Bottom Load Gun**

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

Teat Spray Guns



Solid Cone Spray Pattern








Adjustable Spray Pattern

Ordering information: Lever Operated Teat Spray Guns



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

*Please state which colour when ordering




Ordering information: **OptiSprayer™ Top Load Guns**

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






Ordering information: **OptiSprayer™ Bottom Load Guns**

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

Ordering information: OptiSprayer™ Bottom Load Guns

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












Ordering information: OptiSprayer™ Gun AND OptiDipper™ Applicator Spares

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

For OptiSprayer™ spare Lances and Nozzles please refer to page 21.












Teat Spray Power Unit Spares

Ordering information: Teat Spray Power Unit Spares

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

*Please state which colour when ordering



Ordering information: Teat Spray Power Unit Spares (continued)

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


Teat Spray Power Unit Service Kits

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


Ordering information: Universal Teat Sprayer Service Kits - JetStream™ and Classic

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

Ordering information: JetStream™ Teat Sprayer Service Kits



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

Ordering information: Service Kits for Lever Style Teat Spray Guns

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


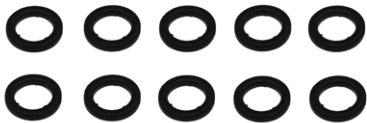





*Please state which colour when ordering

Ordering information: 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	Compatability	Image
ATS/461	Straight Connector for all Ambic Guns	JetStream™ Classic	
ATS/462	Spacer for the ATS/461 Straight Connector (pack of 10)	JetStream™ Classic	
ATS/461-5/16	Gun Connector to fit Ambic Guns to Spraymaster™ Systems	JetStream™ Classic	
ATS/461-1/4	Gun Swivel Connector to Fit 6mm bore Dragline with Male Thread (1/4") BSP	JetStream™ Classic	
ATS/461-1/4F	Gun Swivel Connector to fit to (6mm bore) Dragline with Female Thread (1/4") BSP	JetStream™ Classic	
ATS/461-8	Gun Connector to fit Ambic Guns to Loheat™ and Cotswold™ Systems (8mm)	JetStream™ Classic	
ATS/461-10	Gun Connector to fit Ambic Guns to Johnson Diversey-Deosan™ Systems (10mm)	JetStream™ Classic	

Ordering information: Teat Spray Gun Spares

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






*Please state which colour when ordering

Teat Spray Distribution Line Spares

Ordering information: Distribution Line Spares			
Part No	Description	Compatibility	Image
ATS/406* ATS/406-Y ATS/406-G	Retractable Coil – Blue Retractable Coil – Yellow Retractable Coil – Green	JetStream™ Classic	
ATS/438	Repair Kit for Ambic Drop Coil ATS/406	JetStream™ Classic	
ATS/407	T Connector with Nuts	JetStream™ Classic	
ATS/408	Straight Connectors with Nuts (pack of 2)	JetStream™ Classic	
ATS/409	Connector Nuts (pack of 6)	JetStream™ Classic	
ATS/410	6m Flexible Delivery Line Tubing	JetStream™ Classic	
ATS/428	30m Flexible Delivery Line Tubing	JetStream™ Classic	
ATS/411	Cable Ties (pack of 10)	JetStream™ Classic	

*Please state which colour when ordering

Ordering information: **Distribution Line Spares (continued)**

Part No	Description	Compatibility	Image
ATS/412	Intake Filter Complete with Flexible Tubing	JetStream™ Classic	
ATS/413	Vacuum Adaptor	JetStream™ Classic	
ATS/419	Intake Filter Only (pack of 2)	JetStream™ Classic	
ATS/429	Blanking Plugs (pack of 2)	JetStream™ Classic	
AJS/2055	AmbiSpanner™ Universal tool for ATS Nuts. Solid cone nozzle lance assemblies + Inlet + Outlet Valves.	JetStream™ Classic	

PeraSpray™






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












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



Ordering information: PeraSpray™ System

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

Ordering information: PeraSpray™ System

Part No	Description	Image
APA/004	PeraSpray™ Diaphragm Pump - Viton	
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	PeraSpray™ Diaphragm Pump Inlet Valve Fine Thread (Pack of 2)	
ATS/446	PeraSpray™ Diaphragm Pump Outlet Valve Coarse Thread (Pack of 2)	
APA/015	PeraSpray™ Solid Cone Nozzle with replacement 'O'-Ring	
AAF/017	PeraSpray™ Applicator Hanging Hook	
APA/008	PeraSpray™ Nozzle 'O'-Rings for Spray Nozzle (pack of 10)	
ATS/461-PA	PeraSpray™ Applicator Connector	

The above spares are specific to the PeraSpray™. For non-specific spares parts please see pages 20-23.

Teat Dip Cups



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



Choose the right Dip Cup for your application

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

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

Teat Dip Bottles, Caps and Bases



ADC/105
Dip Cup Bottle and Cap



ADC/107
Dip Cup Base



ADC/106
Dip Cup Cap

Original No.1 Non Return DipCup™

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

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



ADC/120
Non Return DipCup™

StandardDipper™

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

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



ADC/100
StandardDipper™

TwinDipper™

— ideal for barrier dips —

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

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



ADC/120-TT
TwinDipper™

TwinDipper^{Plus}

— 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
- Patented DipWell™ chemical reservoir and anti-drip lip to prevent chemical spillage
- Easily converted from single to twin tube version to suit all teat dip types, including thicker barrier dips
- Ergonomic design for easy 'side action' dipping
- Handy belt hook
- Available in a range of colours - ideal for pre- and post- dipping
- Legendary Ambic quality



ADC/160
UniDipper™

NEW MultiFoamer™ Plus

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

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

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

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

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

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



ADC/153
MultiFoamer™ Plus

Spares available

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



ADC/152-B
Screw Plug Assembly



ADC/155
Screw Plug Assembly



ADC/156
Screw Plug Assembly



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

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
- Easy to dismantle for rapid cleaning
- Range of valve inserts to suit different chemicals
- Available in range of colours - ideal for pre- and post- disinfection
- Legendary Ambic quality

Spares available

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



ADC/150
MultiFoamer™

FoamDipper™

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

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

Spare Dip Cup Bottle

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



ADC/130
FoamDipper™



ADC/031
Foaming Lantern



ADC/101
Spare Bottle

Teat Dip Cups

Ordering information: Teat Dip Cups

Part No*	Description
ADC/100	StandardDipper™
ADC/120	Original No. 1 Non Return DipCup™
ADC/120-TT	TwinDipper™
ADC/123-TT	TwinDipper Plus™
ADC/125	MiniDipper™
ADC/130	FoamDipper™
ADC/031	Foaming Lantern for ADC/130 FoamDipper™
ADC/150	MultiFoamer™
ADC/153	MultiFoamer™Plus
ADC/151-B	MultiFoamer™ service pack (dust cap and 3 filter meshes)
ADC/154-B	MultiFoamer™Plus (dust cap and 2 filter meshes)
ADC/152-B	MultiFoamer™/MultiFoamer™Plus screw plug assembly (White - 8 Air Channels - Standard Foam)
ADC/155	MultiFoamer™/MultiFoamer™Plus screw plug assembly (Grey - 7 Air Channels - 40% Wetter Foam)
ADC/156	MultiFoamer™/MultiFoamer™Plus screw plug assembly (Black - 9 Air Channels - 40% Dryer Foam)
ADC/160	UniDipper™
ADC/101	Dip Cup Bottle Only
ADC/105	Dip Cup Bottle and Cap (available in blue, yellow, green, orange, red, black and white)*
ADC/106	Dip Cup Cap (available in blue, yellow, green, orange, red, black and white)*
ADC/107	Dip Cup Base (available in blue, yellow, green, orange, red, black and white)*
ADC/001	Dip Cup Uptake Tube Adaptor

*Please state colour when ordering

DipMizer™

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



Dip Cups compatible with the DipMizer™

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

Ordering information: DipMizer™

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

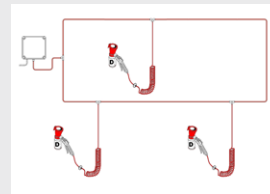


MultiDipper™

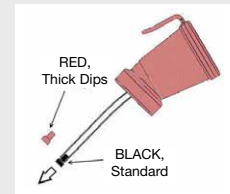
Semi-automated teat dipping system - ideal for dispensing thicker, barrier type teat dips.

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

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



MultiDipper™ Diagrammatic Layout



Easy-Fit Restrictors to Control Flow Rate

Ordering information: MultiDipper™

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

EasiDipper™

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

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

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

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

Suitable for most chemicals.

See New OptiFlow™ Teat Dipping System for High Viscosity Teat Dip Chemicals on page 36.



EasiDipper™ Applicator



EasiDipper™ System

EasiDipper™ (Viton Version)

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

Ordering information: EasiDipper™ Systems and Spares

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






* Please state which colour when ordering

Ordering information: EasiDipper™ Systems and Spares

Part No*	Description	Colour	Image
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/2004	EasiDipper™ Diaphragm Pump Complete		
AED/4016	EasiDipper™ Adjustable Pressure Module		

* Please state which colour when ordering

Ordering information: EasiDipper™ Spares

Part No*	Description	Colour*	Image
AED/4446	EasiDipper™ Pump Inlet and Outlet Non Return Valve Kit (pack of 2)		
AED/014 AED/014-Y	EasiDipper™ Extension Kit (Lever Gun Style)	Blue Yellow	
AED/4004 AED/4004-Y	EasiDipper™ Applicator Only (Lever Gun Style)	Blue Yellow	
AED/4006 AED/4006-Y	EasiDipper™ Applicator Top	Blue Yellow	
AED/4018	EasiDipper™ Applicator Tube Connector		

The above spares are specific to the EasiDipper™. For non-specific spare parts please see pages 20-23.

* Please state which colour when ordering

NEW OptiFlow™

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





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

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

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



Ordering information: OptiFlow™ Systems

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

NEW OptiDipper™

Extension Kits and Applicators

Ordering information: OptiDipper™ Extension Kits and Guns










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

Ordering information: OptiDipper™ Extension Kits and Guns

Part No*	Description	Operation	Lance	Image
AOD/4004-TL	OptiDipper™ Top Load Standard Applicator	Trigger	Stainless Steel Standard (16cm)	
AOD/4004E-TL	OptiDipper™ Top Load Extended Applicator	Trigger	Stainless Steel Extended (25cm)	
AOD/4004-BL	OptiDipper™ Bottom Load Standard Applicator	Trigger	Stainless Steel Standard (16cm)	
AOD/4004E-BL	OptiDipper™ Bottom Load Standard Applicator	Trigger	Stainless Steel Extended (25cm)	

NEW OptiFlow™ / OptiDipper™ Spares

Ordering information: OptiDipper™ Spares

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

For other OptiFoamer™ / OptiDipper™ Spares see pages 10 and 16-18

NEW OptiFlow™

Dipping System for High Viscosity Teat Dip Chemicals

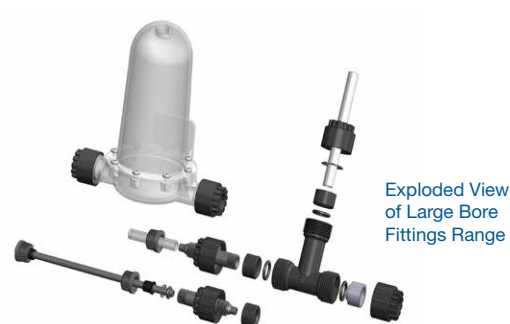
Large Bore Distribution Line Fittings

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

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

The larger distribution line offers the following benefits:





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



NEW OptiFlow™

Dipping System for High Viscosity Teat Dip Chemicals

Ordering information: Large Bore Distribution Line Fittings

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

NEW improved EasiFoamer™ Plus

The New Ambic EasiFoamer Plus™ system is an upgraded and advanced version of the successful Ambic EasiFoamer™ system developed by Ambic. The design has been enhanced to produce superior foam thanks to the following enhancements which improve the quality of foam produced:

- Development of a special stainless mesh to upgrade Ambic's patented system of foaming meshes in order to optimize the quality of foam generated. The addition of a stainless mesh improves both the consistency of the foam generated and the ability of the foam to adhere to the teat surface
- Replacement of the peristaltic pumps in the EasiFoamer Plus System with Ambic's new Low and Medium-Volume Peristaltic pump which was designed and is produced in-house.

New Features

- Special spring-loaded roller assemblies reduce tube wear, thus prolonging tube life and improving delivery performance and consistency
- Concave tube housing wall assists with keeping the peristaltic tube central in the pump housing, thus improving performance consistency and minimizing wear on the pump tube
- Addition of Ambic's well proven ATS spigots improves the sealing of the tube joints on both the pick-up and dispensing ports, thus improving pump performance
- Handy single thumb screw on the cover makes assembly/disassembly quick and easy for maintenance purposes
- Cover has a branding area for customization for OEM applications
- Metal Gear Box Gears



EasiFoamer™ Plus





EasiFoamer™ Plus Meshes




Ordering information: EasiFoamer™ Plus Systems

Part No	Description	Image
AEF/201	EasiFoamer™ Plus Kit – Single Pump with One Applicator Kit includes: <ul style="list-style-type: none"> • EasiFoamer™ Plus Power Unit (single pump) • EasiFoamer™ Plus Regulator • Extension Kit • 30m Black Air Distribution Line • 30m Blue Chemical Distribution Line • 2 each Elbows, Straights & T Connectors • 20 Twin Tube Support Guides & Cable Ties 	
AEF/201-2	EasiFoamer™ Plus Kit – Single Pump with Two Applicators Kit includes: <ul style="list-style-type: none"> • EasiFoamer™ Plus Power Unit (single pump) • EasiFoamer™ Plus Regulator • 2 Extension Kits • 30m Black Air Distribution Line • 30m Blue Chemical Distribution Line • 2 each Elbows, Straights & T Connectors • 20 Twin Tube Support Guides & Cable Ties 	











Ordering information: EasiFoamer™ Plus Systems

Part No	Description	Image
AEF/202	<p>EasiFoamer™ Plus Kit – Twin Pump with One Applicator</p> <p>Kit includes:</p> <ul style="list-style-type: none"> • EasiFoamer™ Plus Power Unit (twin pump) • EasiFoamer™ Plus Regulator • Extension Kit • 30m Black Air Distribution Line • 30m Blue Chemical Distribution Line • 2 each Elbows, Straights & T Connectors • 20 Twin Tube Support Guides & Cable Ties 	
AEF/202-2	<p>EasiFoamer™ Plus Kit – Twin Pump with Two Applicators</p> <p>Kit includes:</p> <ul style="list-style-type: none"> • EasiFoamer™ Plus Power Unit (twin pump) • EasiFoamer™ Plus Regulator • 2 Extension Kits • 30m Black Air Distribution Line • 30m Blue Chemical Distribution Line • 2 each Elbows, Straights & T Connectors • 20 Twin Tube Support Guides & Cable Ties 	







Ordering information: EasiFoamer™ & EasiFoamer™ Plus Spares

Part No	Description	Image
AEF/203	EasiFoamer™ Plus Power Unit (single pump)	
AEF/203-2	EasiFoamer™ Plus Power Unit (twin pump)	
AEF/001-100	Replacement PCB for the EasiFoamer™ and EasiFoamer™ Plus Power Unit.	


Ordering information: EasiFoamer™ & EasiFoamer™ Plus Spares

Part No	Description	Image
ALP/101	EasiFoamer™ ONLY Replacement Peristaltic Pump Tube for Single Pump Unit with Silicone Grease	
ALP/201	EasiFoamer™ Plus ONLY Replacement Peristaltic Pump Tube for Single Pump Unit with Silicone Grease.	
ALP/101-2	EasiFoamer™ ONLY Replacement Peristaltic Pump Tube Set for Twin Pump Unit with Silicone Grease	
ALP/201-2	EasiFoamer™ Plus ONLY Replacement Peristaltic Pump Tube for Twin Pump Unit with Silicone Grease.	
ALP/100-12	EasiFoamer™ + EasiFoamer™ Plus Peristaltic Pump Motor and Gear Assembly.	
ALP/100-12-125	EasiFoamer Plus™ Metal Gear Motor Assembly (Available January 2025)	
ALP/103-C	EasiFoamer™ ONLY Peristaltic Pump Block Assembly for AEF/001 Single Pump and AEF/002 Twin Pump Units	
ALP/203-C	EasiFoamer™ Plus ONLY Peristaltic Pump Block Assembly for AEF/201 Single Pump and AEF/202 Twin Pump Unit.	
ALP/102	EasiFoamer™ and EasiFoamer™ Plus Peristaltic Spinner Assembly	
ATS/412-NR	Non Return Valve In Take Filer Not suitable for JetStream™ or PeraSpray™	










Ordering information: EasiFoamer™ & EasiFoamer™ Plus Spares

Part No	Description	Image
ALP/115	EasiFoamer™ and EasiFoamer™ Plus Silicone Grease (Required when replacing Peristaltic Pump Tubes)	
AEF/012	EasiFoamer™ and EasiFoamer™ Plus Remote Pressure Switch Kit	
AEF/301	EasiFoamer™ ONLY Replacement Peristaltic Pump for Single and Twin Versions	
AEF/401	EasiFoamer™ Plus ONLY Replacement Peristaltic Pump for Single and Twin Versions (Plastic Gears)	
AEF/501	EasiFoamer Plus™ replacement peristaltic pump, heavy duty version. (Standard on all power units from 1st January 2025)	
AEF/038	EasiFoamer™ Inline Filter for Non Return Valve	










Ordering information: EasiFoamer™ & EasiFoamer™ Plus Universal Spares

Part No	Description	Image
AAF/005	EasiFoamer™ and AutoFoamer™ Compressed Air Regulator EasiFoamer™ and EasiFoamer™ Plus Compressed Air Regulator	
AEF/214	EasiFoamer™ and EasiFoamer™ Plus Extension Kit. Kit includes: <ul style="list-style-type: none"> • EasiFoamer™ Plus Coil with Manifold • EasiFoamer™ Plus Lance Assembly • EasiFoamer™ Plus Dropper Support Bracket • EasiFoamer™ Plus Applicator Hanging Hook • Cable Ties • 2 Non Return Valves with T's and Plugs 	
AEF/204	EasiFoamer™ & EasiFoamer™ Plus Lance Assembly 1 x Stainless Steel Mesh 2 x Polypropylene Mesh	



Ordering information: EasiFoamer™ & EasiFoamer™ Plus Universal Spares

Part No	Description	Image
AAF/006	EasiFoamer™ & EasiFoamer™ Plus Coil with Manifold	
AEF/207	EasiFoamer™ Plus Filter Disk Pack 1 x Stainless Steel Mesh 2 x Polypropylene Mesh	
AEF/227	EasiFoamer™ Plus Filter Disks (5 Pack)	
AAF/008	EasiFoamer™ & EasiFoamer™ Plus 'O'-Ring Pack (3 x large - filter disk; 3 x small - manifold)	
AAF/011	EasiFoamer™ & EasiFoamer™ Plus Pressure Bottle Assembly	
AAF/013	EasiFoamer™ & EasiFoamer™ Plus Pressure Switch	
AAF/015	EasiFoamer™ & EasiFoamer™ Plus Trigger Valve Kit for Applicator	
AAF/016	EasiFoamer™ & EasiFoamer™ Plus Manifold Repair Kit	
AAF/017	EasiFoamer™ & EasiFoamer™ Plus Applicator Hanging Hook (including cable ties)	

Ordering information: EasiFoamer™ & EasiFoamer™ Plus Universal Spares

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

Ordering information: **AutoFoamer™ Only Spares**

Part No	Description	Image
AAF/022	AutoFoamer™ Pump Tube Set - Single Pump	
AAF/023	AutoFoamer™ Pump Tube Set - Twin Pump	

NOTES

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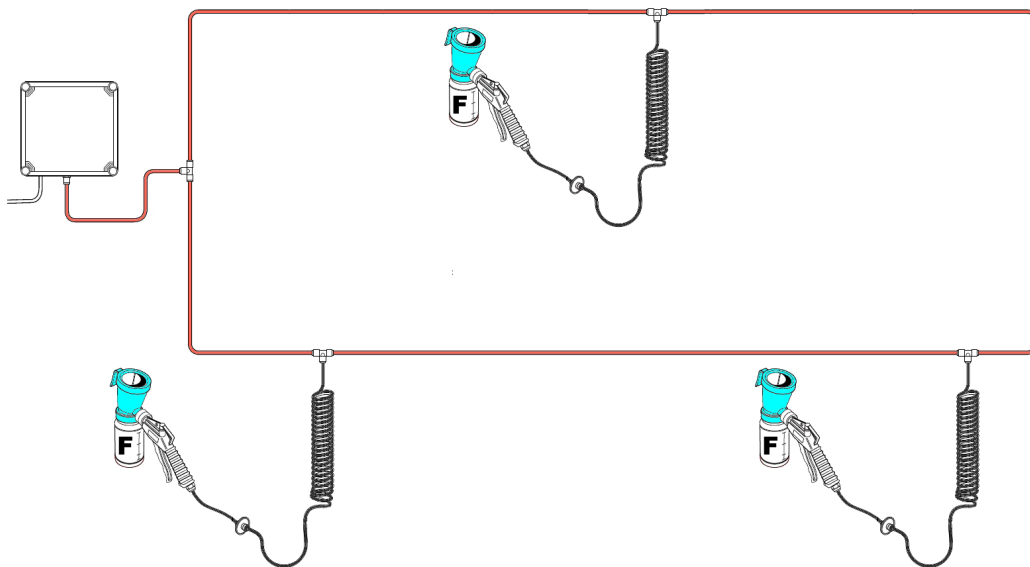
PowerFoamer™

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






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







PowerFoamer™ Diagrammatic Layout













Ordering information: **Electric PowerFoamer™**

Part No	Description	Image
APF/001	Electric PowerFoamer™ System Complete System includes: <ul style="list-style-type: none"> • Power Unit • 3 Applicators with Drop Coil • 30m LDPE Tubing • 3 Extra Bottles with Caps • Rawlplugs and Screws • Pressure Switch 	
APF/009	PowerFoamer™ Electric Power Unit Only	
APF/030	PowerFoamer™ Foam Applicator for Electric Version	
APF/014	PowerFoamer™ Extension Kit for Electric Version	
APF/016	PowerFoamer™ Pressure Switch Kit	

Ordering information: **Pneumatic PowerFoamer™**

Part No	Description	Image
APF/300	Pneumatic PowerFoamer™ System Complete System includes: <ul style="list-style-type: none"> • Air Regulator • 3 Applicators with Drop Coil • 30m LDPE Tubing • 3 Extra Bottles with Caps • Rawlplugs and Screws 	
APF/005	PowerFoamer™ Pneumatic Case & Regulator Assembly	
APF/040	PowerFoamer™ Foam Applicator for Pneumatic Version	
APF/314	PowerFoamer™ Extension Kit for Pneumatic Version	

Ordering information: PowerFoamer™ Spares (Electric and Pneumatic)

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

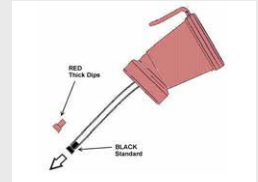
Foam'n'Dip™

Integrated Pre- and Post- Teat Sanitisation System

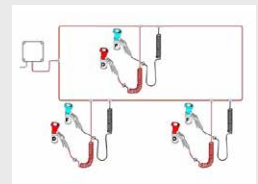
Foam'n'Dip™ is a simple, economical and yet highly effective dual purpose teat sanitisation system which generates low pressure compressed air to automate both pre- and post- teat sanitisation processes. The system comprises a mains operated dual purpose Air Power Unit which is used to operate a combination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

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

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



Easy-Fit Restrictors to Control Flow Rate












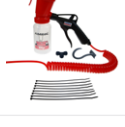



Foam'n'Dip™ Diagrammatic Layout



Ordering information: Foam'n'Dip™

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

Ordering information: 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 Detectors

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

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



AMBIC
Vision14
14mm Mastitis **Detector**








AMBIC
Vision16
16mm Mastitis **Detector**





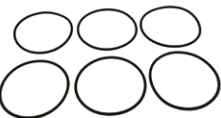


Mastitis Clots

Ordering information: **Vision16**

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

Ordering information: **Vision14**

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

StripCup

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

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

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



StripCup with Unique Anti-Splash Screen



Anti-Splash StripCup Screen



StripCup Identifies Mastitis

Ordering information: StripCup

Part No	Description
ASC/700	StripCup

MilkSampler

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

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



MilkSampler
















MilkSampler in Use

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

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

Ordering information: MilkSampler and Spares

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

FlowFilter

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

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





FlowFilter
– Rubber
Connector
Version




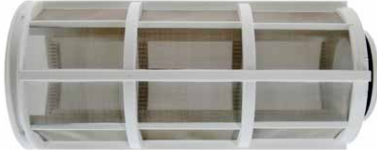





FlowFilter –
Tri-Clover
Version






Ordering information: FlowFilter

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

Ordering information: **FlowFilter Spares**

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

Ordering information: FlowFilter Spares (continued)

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

QMI™

Quarter Milk Isolator

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

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










Ordering information: Quarter Milk Isolator and Spares

Part No	Description	Image
AQM/001	QMI™ Quarter Milk Isolator Complete (1/2" Steel Elbow)	
AQM/001-14	QMI™ Quarter Milk Isolator Complete (14mm 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)	
AQM/006	QMI™ Quarter Milk Isolator Silicone Rubber Hose 26" (66cm)	
AQM/007	QMI™ Quarter Milk Isolator Silicone Rubber Hose Per Foot - 12" (Please state the length required in feet when ordering)	
AQM/008 AQM/008-14	QMI™ Quarter Milk Isolator Steel Elbow - 12mm QMI™ Quarter Milk Isolator Steel Elbow - 14mm	
AQM/009	QMI™ Quarter Milk Isolator Steel Bail	

Dairy Accessories

Products that are available as accessories for the dairy parlour


Ordering information: Dairy Accessories		
Part No	Description	Image
ATS/412-NR	Non Return Valve Intake Filter Not suitable for JetStream™ or PeraSpray™	
ATP/001	Blind Teat Plug	
AAF/017	Parlour Hanging Hook	
AAF/018	Dropper Support Bracket	
AAF/030-10	Flexible Tube Bracket (pack of 10)	
ADC/105	Chemical Sample Bottle and Cap	
AJS/2055	AmbiSpanner™ Universal tool for ATS Nuts. Solid cone nozzle lance assemblies + Inlet + Outlet Valves	

Flash'n'Fill™

Low-Level Alarm System

Ambic Flash'n'Fill™ is an independent electronic warning device which operates in conjunction with Float Switch Assemblies to detect low-levels of chemical in up to ten chemical containers simultaneously.



In an alarm situation a red beacon will flash to highlight that one of the containers is getting low on product and needs replenishing. At the same time an LED illuminates to indicate which chemical container needs replenishing and an audible warning will also sound intermittently; this can be stopped by pressing the mute button  on the front of the unit. The sounder will activate again if another drum becomes empty. The sound can be stopped once again by pressing the mute button.


Features:

- Easy to install and operate
- Available as 24V, 110V and 230V AC input voltage
- High-Volume sounder
- Mute facility to disable the sounder mid-alarm

Optional Equipment:

- A range of Float Switch Assemblies to suit 5-10L, 20-25L, 50-60L and 200L or 1000L IBC's
- Float switches available for a range of different chemicals and viscosities

Ordering information: Flash'n'Fill™ Controller

Part Number	Description	Image
AFF/100-10	Flash'n'Fill™ Controller with 10 Channels	

Ordering information: Flash'n'Fill™ Float Switch Assemblies and Spare Parts

Part Number	Description	Lance Size	Cable Length
AFF/500-35-10	Flash'n'Fill™ Float Switch Assembly for 5 - 10 Litre Container	35cm	10m
AFF/500-50-10	Flash'n'Fill™ Float Switch Assembly for 20 - 25 Litre Container	50cm	10m
AFF/500-75-10	Flash'n'Fill™ Float Switch Assembly for 50 - 60 Litre Container	75cm	10m
AFF/500-110-10	Flash'n'Fill™ Float Switch Assembly for 200 Litre Container or IBC	110cm	10m
AFF/001	Flash'n'Fill™ PCB	-	-

Flash'n'Text™

Low-Level Alarm System

Ambic Flash'n'Text™ is an electronic low-level alarm system which operates in conjunction with Float Switch Assemblies to detect low-levels of chemical in up to six chemical containers at the same time. It automatically generates a 4G SMS Message and sends up to six pre-programmed mobile numbers.



When the level of one of the chemicals falls below a pre-determined level the Flash'n'Text™ system automatically generates an SMS message and send up to 6 pre-programmed mobile phone numbers. It will identify the container and the type of chemical which is low to initiate replenishment of supplies.

The system can be programmed via a laptop computer, PC or smart phone to send a customised message specific to each of the six channels. A reminder is also automatically generated at timed intervals until the text message is replied to using the response 'OK'.

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


Features:

- Smart Phone Set-Up
- Easy to install and operate
- 110 – 230V AC input voltage
- Operates on 4G network

Optional Equipment:

- A range of Float Switch Assemblies to suit 5-10L, 20-25L, 50-60L and 200L or 1000L IBC's
- Float switches available for a range of different chemicals and viscosities
- External booster aerial available for areas with weak signal

Ordering information: Flash'n'Text™ Controller

Part Number	Description	Image
AFF/100-6-SMS	Flash'n'Text™ Controller with 6 Channels	

Ordering information: Flash'n'Text™ Float Switch Assemblies and Spare Parts

Part Number	Description	Lance Size	Cable Length
AFF/500-35-10	Flash'n'Text™ Float Switch Assembly for 5 - 10 Litre Container	35cm	10m
AFF/500-50-10	Flash'n'Text™ Float Switch Assembly for 20 - 25 Litre Container	50cm	10m
AFF/500-75-10	Flash'n'Text™ Float Switch Assembly for 50 - 60 Litre Container	75cm	10m
AFF/500-110-10	Flash'n'Text™ Float Switch Assembly for 200 Litre Container or IBC	110cm	10m
AFF/410	Flash'n'Text™ External Aerial	-	-
AFF/001-SMS	Flash'n'Text™ PCB	-	-

EasiDoser™

Ambic has a range of automated dosing and dilution systems based on combining its extensive, well-proven range of Low-Volume and High-Volume Peristaltic Pumps with a new microprocessor control system. This system has been developed to control the operation of up to three peristaltic pumps of differing capacities to dispense and dose precise quantities of fluids for cleaning or sanitisation purposes. Typical applications include dispensing detergent, bleach, acid and/or alkaline for sanitisation purposes as well as for mixing and dilution.





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

Features


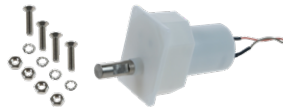



- A combination of Low-Volume and High-Volume (62RPM – 188RPM) pumps with a range of tubes sizes (from 1.8mm to 6.3mm bore for Low-Volume Peristaltic Pumps & 9.6mm to 12.7mm bore for High-Volume Peristaltic Pumps) and tube polymers (Santoprene, Silicone, Viton) to suit different applications
- A combination of time and speed control functions enabling the amount of product dispensed to be determined both by reference to pump speed and run time for accurate dosing
- Pump Run Time adjustable from 1 to 5.00 minutes
- Pump Speed Control adjustable from 50% to 100%
- Pump Start Delay adjustable from 0 to 30 seconds
- A range of flow rates from a minimum of 75 ml/min to a maximum of 550 ml/min for Low-Volume Peristaltic Pumps and a minimum of 700 ml/min to a maximum of 3500 ml for High-Volume Peristaltic Pumps
- The unit has a 'Pump Inhibit' or 'Lock-out' safety feature which can prevent consecutive dispensing of chemicals where excessive dosing could be a hazard. This is adjustable from 0 to 30 minutes
- Data logging facility to record and display performance data, including cumulative run time and chemical consumption
- Pump calibration is made via the LCD display and keypad
- Password protected keypad for security
- Includes Low-Level alarm feature to warn when chemical levels are running low – appropriate Float Switch Assemblies can be purchased separately
- Available with different plugs to suit local markets











Ordering information: EasiDoser™

Part Number	Description	Image
ADE/203-1LV	EasiDoser™ with One Low-Volume Pump	
ADE/203-2LV	EasiDoser™ with Two Low-Volume Pumps	
ADE/203-2HS	EasiDoser™ with Two High Speed Pumps	
ADE/003-2IND	EasiDoser™ with Two High-Volume Pumps	

Ordering information: EasiDoser™ Spares

Part Number	Description	Image
ADE/001-100	EasiDoser™ Replacement PCB for EasiDoser™ Single, Twin or Triple Pump Unit	
ALP/100-12	EasiDoser™ Peristaltic Pump Motor and Gear Box Assembly for: ADE/203-1LV ADE/203-2LV	
ALP/101-SA625-ATS	EasiDoser™ Replacement Peristaltic Pump Tube with ATS connectors for Low-Volume Single Pump Unit (Sachet of Silicone Grease for Installation included)	
ALP/101-SA625-ATS-2	EasiDoser™ Replacement Peristaltic Pump Tube with ATS connectors for Low-Volume Twin Pump Unit (Sachet of Silicone Grease for Installation included)	
ALP/203-C	EasiDoser™ Low and Medium-Volume Pump Block and Cover with Screws for: ADE/203-1LV ADE/203-2LV ADE/203-2HS	

Ordering information: EasiDoser™ Plus Spares

Part Number	Description	Image
ALP/102	EasiDoser™ Peristaltic Pump Spinner Assembly for: ADE/203-1LV ADE/203-2LV ADE/203-2HS	
AHP/100-12-62 AHP/100-12-94 AHP/100-12-125 AHP/100-12-156 AHP/100-12-188	EasiDoser™ High Capacity Pump Motor and Gear Box Assembly for: 12V DC Motor and Metal Gear Assembly - 62 RPM 12V DC Motor and Metal Gear Assembly - 94 RPM 12V DC Motor and Metal Gear Assembly - 125 RPM 12V DC Motor and Metal Gear Assembly - 156 RPM 12V DC Motor and Metal Gear Assembly - 188 RPM	
AHP/100-24-62 AHP/100-24-94 AHP/100-24-125 AHP/100-24-156 AHP/100-24-188	24V DC Motor and Metal Gear Assembly - 62 RPM 24V DC Motor and Metal Gear Assembly - 94 RPM 24V DC Motor and Metal Gear Assembly - 125 RPM 24V DC Motor and Metal Gear Assembly - 156 RPM 24V DC Motor and Metal Gear Assembly - 188 RPM	
AHP/100-SA-12	High-Volume Peristaltic Pump Tube and Spigots 12.7mm Bore Santoprene, 5/8" Spigots 12.7mm Bore Santoprene, 1/2" Spigots	
AHP/100-SA-09	9.6mm Bore Santoprene, 5/8" Spigots 9.6mm Bore Santoprene, 1/2" Spigots (Sachet of Silicone Grease for Installation Included)	
AHP/103	High-Volume Peristaltic Pump Block Cover with Screws	
AHP/102-FP	High-Volume Peristaltic Pump Spinner Assembly with Fixed Pin	
ALP/115	Silicone Grease (Required when replacing Peristaltic Pump Tubes)	

Mix'n'Demand™ System

Low-Level Alarm System

The Ambic Mix'n'Demand™ chemical dosing system mixes two-part teat sanitisation chemicals during milking so that a fresh mixture is always on hand when needed, without expensive chemicals being wasted at the end of milking.



This system is particularly intended for the growing demand to mix small batches of Chlorine Dioxide (which must be used within 24 hours, so must be mixed daily) and for other chemicals which may have a short shelf life once mixed. The system is suitable for use with spraying, dipping or foaming chemicals.

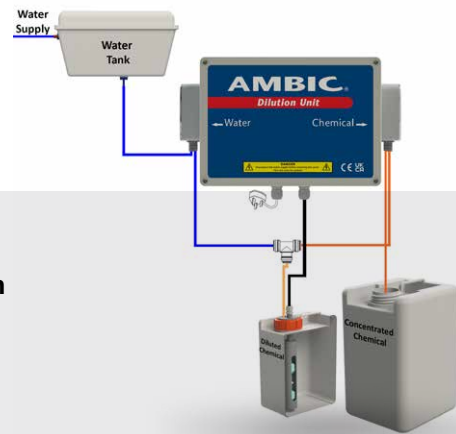
The Ambic Mix'n'Demand™ system is fitted with two peristaltic pumps with Speed control potentiometers to mix two chemicals. Dual Float switches control the output into the mixed chemical container. An optional vacuum switch automates switching the unit on and off in tandem with the milking system. A Time Delay feature is also available; it controls a delay of up to 15 minutes from when the lower float switch activates, to the start of pumping of the mixed chemical into the container.

If for any reason the mixed chemical activates the top float switch, both pumps will stop running immediately.

Ordering information: Mix'n'Demand™ System

Part Number	Description	Image
MDE/003-2LV	Mix'n'Demand system with 2 Low-Volume Pumps, Float switch assembly and the mixed chemical container.	
MDE/001-2LV	Mix'n'Demand with 2 Low-Volume Pumps - power unit	
ALP/101-SA625-ATS	Peristaltic Santoprene tube with ATS connectors	
ALP/115	Peristaltic pump tube lubricant	
ALP/102	Spring loaded spinner assembly	
ALP/203-C	Low and Medium-Volume Pump Block and Cover with Screws	
ALP/100-24-188	24V DC Motor and Gear Assembly	
MDE/004	Mix'n'Demand PCB	
ATS/412-NR	Non Return Valve Intake Filter Not suitable for JetStream™ or PeraSpray™	
MDE/006	Float Switch Assembly incl. cap	

Ambic Dilution™ System



Ambic Dilution™ system is to dilute concentrate chemical with water for use. The system is connected to mains water which is controlled by a ball valve.

Ambic has developed the Ambic Dilution™ chemical system to mix concentrate chemical with water. This system is particularly intended for the growing demand to use concentrate chemical to reduce the transportation and packing costs. The system is suitable for use with spraying, dipping or foaming chemicals.

The Ambic Dilution™ system is fitted with two 24V peristaltic pumps with Speed control potentiometers to mix water with a chemical. This could be combination of two High-Volume pumps, two Low-Volume pumps or one of each. Dual Float switches control the output into the diluted chemical container. An optional vacuum switch automates switching the unit on and off in tandem with the milking system. A Time Delay feature is also available; it controls a delay of up to 5 minutes, from when the lower float switch activates, to the start of pumping of the diluted chemical into the container.

Ordering information: Ambic Dilution™ System and Spares Parts

Part Number	Description	Image
ADU/003-2LV	Dilution system with 2 Low-Volume Pumps, water tank, Float switch assembly with mixed chemical container	
ADU/001-2LV	Dilution system with 2 Low-Volume Pumps	
ALP/101-SA625-ATS	Peristaltic Santoprene tube with ATS connectors	
ALP/115	Peristaltic pump tube lubricant	
ELU5529	Spring loaded spinner assembly	
ALP/203-C	Low and Medium-Volume Pump Block and Cover with Screws	
ALP/100-24-188	24V DC Motor and Gear Assembly - Water	
ALP/100-24-62	24V DC Motor and Gear Assembly - Chemical	
ADU/004	Dilution system PCB	
MDE/005	7L Water tank + ball valve & connector	
ATS/412-NR	Non Return Valve Intake Filter Not suitable for JetStream™ or PeraSpray™	
MDE/006	Float Switch Assembly incl. cap	

SimpliDose™

Ambic SimpliDose™ is an electronic pumping system used for various application to dose a Pre-Determined amount of chemical. The pump can be set to manually or automatically trigger to does a set amount.



SimpliDose™ is a rugged, reliable and easy to install Low-Volume Dosing Pump, ideal for injecting precise doses of a wide range of liquids. The peristaltic pump technology used includes spring-actuated rollers that will extend the life of the tubes, reducing the need for replacement and thus saving money.

Once the unit has been set to dose a measured amount, it will dose the same amount on a manual push button trigger or an automatic machine signal (18V to 230V, AC or DC) 400ml per minute.

Ordering information: Ambic SimpliDose™ and Spares Parts

Part Number	Description	Image
SDL/001-230	SimpliDose™ Low-Volume Dosing Pump System 230V	
SDL/003-230	SimpliDose™ Low-Volume Dosing Pump Power Unit 230V	
ALP/101-SA625-ATS	Peristaltic Santoprene tube with ATS connectors	
ALP/115	Peristaltic pump tube lubricant	
ELU5529	Spring loaded spinner assembly	
ALP/203-C	Low and Medium-Volume Pump Block and Cover with Screws	
SDL/004	SimpliDose™ PCB	
ATS/412-NR	Non Return Valve Intake Filter Not suitable for Jetstream™ or PeraSpray™	

Low-Volume Peristaltic Pumps

Low-Volume Peristaltic Pump with **Plastic Gears**

Ambic Peristaltic Pumps and Pump Assemblies have been produced and supplied into a range of different industries and applications for many years; they have earned a reputation for reliability and robustness, including OEM manufacturers. The product range includes pumps with a delivery of 100ml to 790ml 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 9V, 12V, 24V DC and 230V AC pump models which are available with peristaltic tubes produced in a range of polymers, including Santoprene, Viton and Silicone; these suit a wide variety of chemicals and liquids across several applications. The tubes are available in several different bore sizes (3.2mm, 4.6mm, 6.3mm) to cater for a range of delivery rates. Low-Volume Peristaltic Pumps are available either with or without mounting plate.

Ambic Peristaltic Pumps are designed with unique spring-loaded roller assemblies to reduce tube wear, prolong tube life, and improve both delivery performance and consistency; this promotes accurate and reproducible dosing.

A key safety feature of Peristaltic Pumps is the fact that the pumped product only contacts the pump tube. They also have excellent suction performance enabling them to prime from dry.

Ordering information: Low-Volume Standard Gear DC Pumps

The Numbers below form the basic part number; please add one of the codes from the **Blue, Green or Orange** Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	Tube Size					
			9V	12V	24V		3.2 Bore		4.6 Bore		6.3 Bore	
							Code	ml/min	Code	ml/min	Code	ml/min
LV/S-9-SA LV/S-9-SI	Fixed	160	1.2	-	-	01	200	03	460	05	790	
LV/S-12-SA LV/S-12-SI	Fixed	100	-	0.6	-	01	170	03	310	05	510	
LV/S-24-SA LV/S-24-SI	Fixed	80	-	-	0.18	01	100	03	200	05	310	
LV/S-9-SA LV/S-9-SI	Variable	160	0.38	-	-	02	50-190	04	110-450	06	175-780	
LV/S-12-SA LV/S-12-SI	Variable	100	-	0.16	-	02	35-150	04	80-295	06	125-480	
LV/S-24-SA LV/S-24-SI	Variable	80	-	-	0.05	02	30-90	04	55-180	06	90-290	

SA = Santoprene
SI = Silicone

Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Low-Volume Peristaltic Pump

Ordering information: Low-Volume Peristaltic Pump Spares

Part Number	Description	Image
ALP/100-9 ALP/100-12-LI ALP/100-24	9V DC Motor and Gear Assembly 12V DC Motor and Gear Assembly 24V DC Motor and Gear Assembly	
ALP/102-VI	Spinner Assembly for 6.0mm Viton Tube (Used with ALP/101-VI606)	
ALP/101-VI606	6.0mm Viton Tube with Spigots (Used with ALP/102-VI) (Sachet of grease for installation included)	
ALP/101-SA625-PP	6.2mm Santoprene Tube with Spigots (Sachet of grease for installation included)	
ALP/101-SA625-PP-2	6.2mm Santoprene Tube with Spigots (Pack of 2) (Two sachets of grease for installation included)	
ALP/101-SI635	6.3mm Silicone Tube with Spigots (Sachet of grease for installation included)	
ALP/101-SA465	4.6mm Santoprene Tube with Spigots (Sachet of grease for installation included)	
ALP/101-SA325	3.2mm Santoprene Tube with Spigots (Sachet of grease for installation included)	
ALP/102	Spinner Assembly with Spigots for 6.2mm Santoprene and 6.3mm Silicone Tubes	
ALP/103	ABS Pump Block and Cover with Screws	
ALP/115	Silicone Grease (Can be used for any Peristaltic Pump Tubes)	

Ambic can also supply alternative lengths, materials and dimensions of tubing. Price on application. Please contact our sales team for more information.

Low and Medium-Volume Peristaltic Pump

Low and Medium-Volume Peristaltic Pump with **Plastic Gears**

Ambic Peristaltic Pumps and Pump Assemblies have been produced and supplied into a range of different industries and applications for many years; they have earned a reputation for reliability and robustness. The product range includes pumps with a delivery of 100ml to 790ml 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 and Medium-Volume Peristaltic Pumps

The Low and Medium-Volume Peristaltic Pump range includes 9V, 12V, 24V DC and 230V AC pump models which are available with peristaltic tubes produced in a range of polymers, including Santoprene, Viton and Silicone; these suit a wide variety of chemicals and liquids across several applications. The tubes are available in several different bore sizes (3.2mm, 4.6mm, 6.3mm) to cater for a range of delivery rates. Low and Medium-Volume Peristaltic Pumps are available either with or without mounting plate.

Ambic Peristaltic Pumps are designed with unique spring-loaded roller assemblies to reduce tube wear, prolong tube life, and improve both delivery performance and consistency; this promotes accurate and reproducible dosing.

A key safety feature of Peristaltic Pumps is the fact that the pumped product only contacts the pump tube. They also have excellent suction performance enabling them to prime from dry.

Ordering information: Low and Medium-Volume Standard Gear DC Pumps

The Numbers below form the basic part number; please add one of the codes from the **Blue, Green or Orange** Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	Tube Size					
			9V	12V	24V		3.2 Bore		4.6 Bore		6.3 Bore	
							Code	ml/min	Code	ml/min	Code	ml/min
LM/S-9-SA LM/S-9-SI	Fixed	160	1.2	-	-		01	200	03	460	05	790
LM/S-12-SA LM/S-12-SI	Fixed	100	-	0.6	-		01	170	03	310	05	510
LM/S-24-SA LM/S-24-SI	Fixed	80	-	-	0.18		01	100	03	200	05	310
LM/S-9-SA LM/S-9-SI	Variable	160	0.38	-	-		02	50-190	04	110-450	06	175-780
LM/S-12-SA LM/S-12-SI	Variable	100	-	0.16	-		02	35-150	04	80-295	06	125-480
LM/S-24-SA LM/S-24-SI	Variable	80	-	-	0.05		02	30-90	04	55-180	06	90-290

SA = Santoprene
SI = Silicone

Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Low and Medium-Volume Peristaltic Pumps

Low and Medium-Volume Peristaltic Pumps with **Metal Gears**

Ambic Low and Medium-Volume Peristaltic Pumps have been produced and supplied into a range of different industries and applications for many years; they have earned a reputation for reliability and robustness, including OEM, Tank Manufacturers and CIP System. The product range includes pumps with a delivery of 80ml to 790ml per minute. They can be supplied in a range of motor type, voltages and with a wide range of peristaltic tubes that will cater for most chemical solutions.



The modern looking Low and Medium-Volume Peristaltic Pump range includes 9V, 12V and 24V DC and 230V AC pump models which are available with peristaltic tubes produced in a range of polymers, including Santoprene and Silicone; These suits a wide variety of chemicals and liquid across several applications. These tubes are available in several different bore sizes (3.2, 4.6, 6.3 & 8.0mm) to cater for a range of delivery rates. Low and Medium-Volume Peristaltic Pumps are available either with or without stainless steel mounting plate or fitted on most IP rated enclosure if required.

Ambic Peristaltic Pumps are designed with unique spring-loaded roller assemblies and Stainless Steel brackets to reduce tube wear, prolong tube life and improve both delivery performance and consistency; this promotes accurate and reproducible dosing.

A key safety feature of Peristaltic Pumps is the fact that the pumped product only comes in contact with the tube. They also have excellent suction performance enabling them to prime from dry.

Ordering information: Low / Medium Metal Gear DC Pumps

The Numbers below form the basic part number; please add one of the codes from the Blue, Green or Orange or Pink Column(s) depending on the ml / minute required.

Model Number	Fixed or Variable output	RPM	Running current at room temp. (A)			Spigot size	Tube Size							
			12V	24V	230V		3.2 Bore		4.6 Bore		6.3 Bore		8.0 Bore	
							Code	ml/min	Code	ml/min	Code	ml/min	Code	ml/min
LM/M-12-SA LM/M-12-SI LM/M-24-SA LM/M-24-SI	Fixed	62	0.4	0.2	-		01	80	11	150	21	240	31	350
		94	0.7	0.4	-		03	110	13	225	23	340	33	550
		125	0.8	0.5	-		05	160	15	320	25	500	35	750
		156	1.2	0.5	-		07	180	17	340	27	610	37	850
		188	1.4	1.4	-		09	240	19	470	29	750	39	1000
	Variable	62	0.3	0.2	-		02	20 - 70	12	40 - 130	22	60 - 200	32	150-350
		94	0.3	0.2	-		04	25 - 110	14	60 - 230	24	90 - 320	34	200-500
		125	0.4	0.3	-		06	50 - 150	16	90 - 290	26	130 - 470	36	350-750
		156	0.6	0.4	-		08	60 - 190	18	110 - 340	28	170 - 560	38	350-800
		188	0.8	0.4	-		10	70 - 240	20	140 - 480	30	210 - 790	40	350-1100

SA = Santoprene
SI = Silicone

Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature

Low and Medium-Volume AC Peristaltic Pump

Low and Medium-Volume Peristaltic Pumps with **Metal Gears**

Ambic Low and Medium-Volume are, 230V, 50Hz, AC motor operated pumps. These can be supplied with various speeds and/or with different size bore diameter to allow for different delivery rates.

These pumps can be supplied fitted with or without mounting plate or fitted on a plastic enclosure.

These pumps are designed with unique spring-loaded roller assemblies to reduce tube wear, prolong tube life and improve delivery performance.



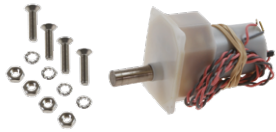




Ordering information: Low and Medium-Volume AC Pumps

The Numbers below form the basic part number; please add one of the codes from the Blue, Green or Orange Column(s) depending on the ml/min. required.








Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	Tube Size					
			12V	24V	230V		3.2 Bore		4.6 Bore		6.3 Bore	
							Code	ml/min	Code	ml/min	Code	ml/min
LM/AC-230-SA	Fixed	100	-	-	0.8	01	100	02	225	03	350	




Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Ordering information: Low-Volume Peristaltic Pump Spares

Part Number	Description	Image
ALP/100-9 ALP/100-12-LI ALP/100-24	9V DC Motor and Gear Assembly 12V DC Motor and Gear Assembly 24V DC Motor and Gear Assembly	
ALP/100-12-62 ALP/100-12-94 ALP/100-12-125 ALP/100-12-156 ALP/100-12-188	12V DC Motor and Gear Assembly - 62 RPM 12V DC Motor and Gear Assembly - 94 RPM 12V DC Motor and Gear Assembly - 125 RPM 12V DC Motor and Gear Assembly - 156 RPM 12V DC Motor and Gear Assembly - 188 RPM	
ALP/100-24-62 ALP/100-24-94 ALP/100-24-125 ALP/100-24-156 ALP/100-24-188	24V DC Motor and Gear Assembly - 62 RPM 24V DC Motor and Gear Assembly - 94 RPM 24V DC Motor and Gear Assembly - 125 RPM 24V DC Motor and Gear Assembly - 156 RPM 24V DC Motor and Gear Assembly - 188 RPM	
ALP/100-230-100	230V AC Motor and Gear Assembly - 100 RPM	
ALP/102-VI	Spinner Assembly for 6.00mm Viton Tube (Used with ALP/101-VI606)	

Ordering information: Low-Volume Peristaltic Pump Spares

Part Number	Description	Image
ALP/101-SA625-ATS-2	6.2mm Santoprene Tube with ATS Spigots (Pack of two) (Sachet of Silicone Grease for Installation included)	
ALP/101-SI635-ATS	6.3mm Silicone Tube with ATS Spigots (Sachet of Silicone Grease for Installation included)	
ALP/101-SA465-ATS	4.6mm Santoprene Tube with ATS Spigots (Sachet of Silicone Grease for Installation included)	
ALP/101-SA325-ATS	3.2mm Santoprene Tube with ATS Spigots (Sachet of Silicone Grease for Installation included)	
ALP/102	Spinner Assembly with ATS Spigots for 6.2mm Santoprene and 6.3mm Silicone Tubes	
ALP/203-C	EasiDoser™ Plus Low-Volume Pump Block and Cover with Screws.	
ALP/115	Silicone Grease (Can be used for any Peristaltic Pump Tube)	

Ordering information: Medium-Volume Peristaltic Pump Spares		
Part Number	Description	Image
AMP/103-C	Low and Medium-Volume Pump Block and Cover with Screws	
AMP/102	Spinner Assembly for 8.0mm Santoprene Tube	
AMP/101-SA805	8.00mm Santoprene Tube with Spigots (Sachet of Silicone Grease for Installation included)	

Our Mission

To understand and work with our customers as a valued partner, dedicated to providing outstanding support, personal service and products that exceed expectations.

High-Volume Peristaltic Pumps

Ambic has a comprehensive range of High-Volume Peristaltic Pump products which have an output performance of between 1,500ml to 7,100ml per minute depending on motor speed and tube bore size. They are widely used by OEM manufacturers, as well as dishwashing and laundry specialists, 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 tubes produced in a range of polymers, including Santoprene, Viton and Silicone; these suit a wide variety of chemicals and liquids across several applications. The tubes are available in two different bore sizes (9.6mm or 12.7mm) with an option of 1/2" or 5/8" Spigots, to cater for a range of delivery rates.

Ambic Peristaltic Pumps are designed with unique spring-loaded roller assemblies to reduce tube wear, prolong tube life, and improve both delivery performance and consistency; this promotes accurate and reproducible dosing.

A key safety feature of Peristaltic Pumps is the fact that the pumped product only contacts the pump tube.

Ordering information: High-Volume Peristaltic Pump

The Numbers below form the basic part number; please add one of the codes from the Blue or Green Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	9.6 Bore		12.7 Bore	
			12V	24V	230V		Code	ml/min	Code	ml/min
HV/M-12-SA HV/M-12-SI HV/M-24-SA HV/M-24-SI	Fixed	62	1	0.5	-	1/2"	01	1500	11	2400
		94	1.2	0.7	-		03	2300	13	4300
		125	2	1	-		05	3400	15	5400
		156	2.4	1.1	-		07	3700	17	6200
		188	3.6	1.7	-		09	4800	19	7100
		62	1	0.5	-	5/8"	02	1500	12	2400
		94	1.2	0.7	-		04	2300	14	4300
		125	2	1	-		06	3400	16	5400
		156	2.4	1.1	-		08	3700	18	6200
		188	3.6	1.7	-		10	4800	20	7100

Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Ordering information: High-Volume Peristaltic Pump

The Numbers below form the basic part number; please add one of the codes from the Blue or Green Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	9.6 Bore		12.7 Bore	
			12V	24V	230V		Code	ml/min	Code	ml/min
HV/M-12-SA HV/M-12-SI HV/M-24-SA HV/M-24-SI	Variable	62	0.3	0.2	-	1/2"	21	500-1500	31	500-2200
		94	0.4	0.3	-		23	700-2200	33	1000-3400
		125	0.8	0.4	-		25	900-3300	35	1400-4800
		156	0.9	0.5	-		27	1100-3500	37	1600-5300
		188	1.5	0.7	-		29	1300-4400	39	1800-6400
		62	0.3	0.2	-	5/8"	22	500-1500	32	500-2200
		94	0.4	0.3	-		24	700-2200	34	1000-3400
		125	0.8	0.4	-		26	900-3300	36	1400-4800
		156	0.9	0.5	-		28	1100-3500	38	1600-5300
		188	1.5	0.7	-		30	1300-4400	40	1800-6400

SA = Santoprene
SI = Silicone

Ordering information: High-Volume 230V AC Pumps

The Numbers below form the basic part number; please add one of the codes from the Blue or Green Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	9.6 Bore		12.7 Bore	
			12V	24V	230V		Code	ml/min	Code	ml/min
HV/M-230-SA	Fixed	80	-	-	2.5	1/2"	01	1600	03	2500
HV/M-230-SI			5/8"	02	1600	04	2500			

SA = Santoprene
SI = Silicone

Option to order with or without horizontal mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Coming Soon...

New High-Volume Pump



Ordering information: High-Volume and Extra High-Volume Spares		
Part Number	Description	Image
AHP/100-12-62 AHP/100-12-94 AHP/100-12-125 AHP/100-12-156 AHP/100-12-188 AHP/100-24-62 AHP/100-24-94 AHP/100-24-125 AHP/100-24-156 AHP/100-24-188	High-Volume Peristaltic Pump Motor	
AHP/100-230	High-Volume Pump Motor Assembly	
AHP/100-SA-09	High-Volume Pump 9.6mm Bore Tube with Spigots (Sachet of Silicone Grease for Installation included)	
AHP/100-SA-12	High-Volume Pump 12.7mm Bore Tube with Spigots (Sachet of Silicone Grease for Installation included)	
AHP/102	High-Volume Peristaltic Pump Spinner Assembly with Spring Loaded Rollers	
AHP/102-FP	High-Volume Peristaltic Pump Spinner Assembly with Fixed Pin	
AHP/103	High-Volume Peristaltic Pump Block Cover with Screws	
ALP/115	Silicone Grease (Can be used for any Peristaltic Pump Tubes)	

High-Volume Dispensing Pumps

Ambic High-Volume Dispensing systems are available in Single, Twin or Triple pump assemblies. High-Volume Peristaltic Pumps, or a combination of High and Low-Volume Peristaltic Pumps in 12 or 24V DC, or 230V AC.



Single Dispensing Pumps (AC Motors) have a safety timer feature.

The Twin and Triple Units (AC Motors) are fitted with an electronic PCB board that controls the pumps via an 11V or 24V DC signal. This prevents two pumps from running simultaneously and avoids the accidental mixing of different chemicals such as alkaline and acid. Pump controls with 11V and 24V DC voltage are widely used to activate the pump(s).


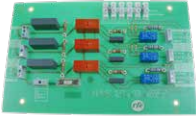





Ordering information: High-Volume 230V AC Pumps

The Numbers below form the basic part number; please add one of the codes from the Blue or Green Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	9.6 Bore		12.7 Bore					
			12V	24V	230V		Code	ml/min	Code	ml/min				
			HD/M-12-1-	Fixed	188		3.6	1.65	-	1/2"	01	4800	03	7100
HD/M-12-2-	3.6	1.65	-			5/8"	02	04						
HD/M-12-3-	3.6	1.65	-			1/2"	01	03						
	3.6	1.65	-			5/8"	02	04						
HDE/M-230-1-SA	80	-	-			2.5	1/2"	01	03	1600	04		2500	
	HDE/M-230-2-SA	-	-			2.5	5/8"	02	04					
HDE/M-230-3-SA		-	-		2.5	1/2"	01	03						
	-	-	2.5		5/8"	02	04							

SA = Santoprene
SI = Silicone

Option to order with or without mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Ordering information: High-Volume and Extra High-Volume Spares		
Part Number	Description	Image
AHP/100-230	High-Volume Pump Assembly	
HDE/001	High-Volume Pump PCB for Twin and Triple Pump Assemblies	
AHP/100-SA-09	High-Volume Pump 9.6mm Bore Tube with Spigots	
AHP/100-SA-12	High-Volume Pump 12.7mm Bore Tube with Spigots	
AHP/102	High-Volume Pump Spinner Assembly with Spring loaded Rollers	
AHP/102-FP	High-Volume Pump Spinner Assembly with Fixed Pin Rollers	
AHP/103	High-Volume Pump Block and Cover with Screws	

Extra High-Volume Peristaltic Pumps

Ambic Extra High-Volume Peristaltic Pump range offers an output performance of up to 6 Litres per minute – depending on motor speed and tube bore size; these pumps are also suited to pumping liquids over a very long distance. They are widely used by OEM manufacturers, where they have earned a reputation for reliability and robustness.



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

Ambic Peristaltic Pumps are designed with unique roller assemblies to reduce tube wear, prolong tube life, and improve both delivery performance and consistency; this promotes accurate and reproducible dosing.

A key safety feature of Peristaltic Pumps is the fact that the pumped product only contacts the pump tube.



Ordering information: High-Volume and Extra High-Volume Spares

The Numbers below form the basic part number; please add one of the codes from the Blue or Green Column(s) depending on the ml/min. required.

Model Number	Fixed or Variable output	RPM	Running current at room temp.(A)			Spigot size	Tube Size			
			12V	24V	230V		9.6 Bore		12.7 Bore	
							Code	ml/min	Code	ml/min
EHV/M-24-SA EHV/M-230-SA	Fixed	166	-	3.8	-	1/2"	01	3000	03	6000
-			-	1.0	5/8"	01	3000	03	6000	
EHV/M-24-SA EHV/M-230-SA			-	3.8	-	1/2"	02	3000	04	6000
-			-	1.0	5/8"	02	3000	04	6000	

SA = Santoprene
SI = Silicone

Ordering information: High-Volume and Extra High-Volume Spares

Part Number	Description	Image
EHV/M-100-24	Extra High-Volume 24V DC Motor Assembly	
EHV/M-100-230	Extra High-Volume 230V AC Motor Assembly	

Option to order with or without mounting plate is available upon request. Indicative figures based on tests carried out using water at room temperature.

Ambic Float Switch Assemblies

Ambic Float Switch Assemblies provide an efficient and inexpensive solution to liquid level detection; they offer trouble-free operation over a long life. Ambic's Float Switch Assemblies are fitted with reliable heavy-duty reed switches, moulded in chemical resistant Polypropylene. The shroud and stem are manufactured from chemical resistant PVC; the stem is fitted with a gland to prevent chemical from getting inside.

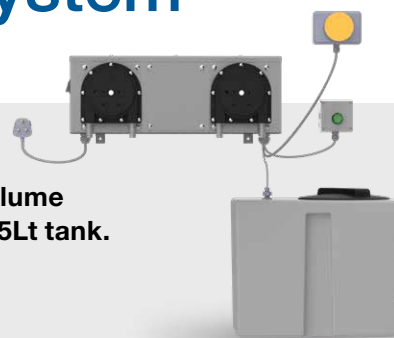


- Float Switch Assemblies that are operated as “Normally Open”, can be easily changed to “Normally Closed” by inverting the float on the Float Switch Assembly
- A range of Float Switch Assemblies to suit 5-10L, 20-25L, 50-60L and 200L or 1000L IBC's

Ordering information: Flash'n'Fill™ Float Switch Assemblies and Spare Parts

Part Number	Description	Lance Size	Cable Length
AFF/500-35-10	Float Switch Assembly for 5 - 10 Litre Container	35cm	10m
AFF/500-50-10	Float Switch Assembly for 20 - 25 Litre Container	50cm	10m
AFF/500-75-10	Float Switch Assembly for 50 - 60 Litre Container	75cm	10m
AFF/500-110-10	Float Switch Assembly for 200 Litre Container or IBC	110cm	10m

Ambic Remote Delivery System™



Ambic Remote Delivery System™ is an electronic Extra High-Volume pumping system used on rotary parlour to fill or refill the 40 / 125Lt tank.

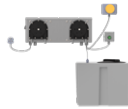






The Remote Delivery System™ is a microprocessor-controlled automatic / manual decanting system which can control the operation of up to four different Extra High-Volume Peristaltic Pumps in order to refill header tanks containing fluids for cleaning or sanitisation purposes. Typical applications include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

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

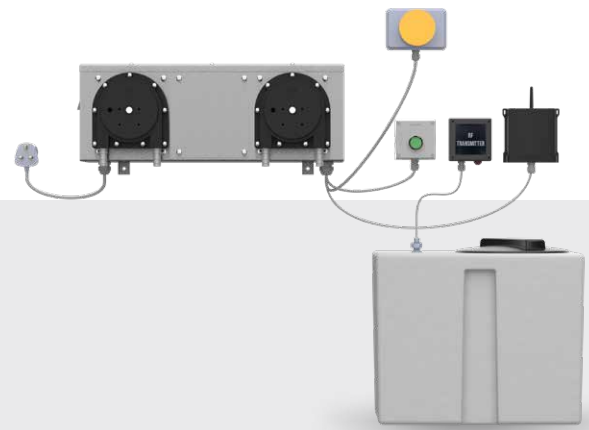
In automatic mode, units can also be programmed to run automatically: The pumps can be programmed to initiate automatically when the chemical in the header tank has dropped below a set level and run for a pre-determined length of time.

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

Ordering information: Ambic Remote Delivery System™ and Spare Parts

Part Number	Description	Image
ARD/001-1-2-1	Remote Delivery System™ for two chemicals	
EHV/M-100-24	Extra High-Volume 24V DC Motor	
AHP/102-ARD	High-Volume Peristaltic Pump Spinner Assembly with Spring Loaded Rollers	
AHP/100-SA09 AHP/100-SA12	High-Volume Pump 9.6mm Bore Tube with Spigots High Volume Pump 12.7mm Bore Tube with Spigots	
AHP/103	High-Volume Peristaltic Pump Block & Cover with screws.	
ALP/115	Peristaltic pump tube lubricant	
ARD/010	Remote Delivery System™ PCB	

Ambic Filling System



Ambic Filling System is an electronic Extra High-Volume pumping system used on rotary parlour to fill or refill the 40 / 125Lt tank.

Ordering information: Ambic Filling System and Spares Parts

Part No	Description	Image
ARD/100-2-1-40	2 Pump Filing System for one chemical (Filling 1 x 40lt Chemical Tank)	
ARD/100-2-2-40	2 Pump Filing System for two different chemicals (Filling 2 x 40lt Chemical Tank) pre and post chemical	
ARD/100-2-1-125	2 Pump Filing System for one chemical (Filling 1 x 125lt Chemical Tank)	
ARD/100-2-2-125	2 Pump Filing System for two different chemicals (Filling 2 x 125lt Chemical Tank) pre and post chemical	
EHV/M-100-24	Extra High-Volume 24V DC Motor	
AHP/102-ARD	High-Volume Peristaltic Pump Spinner Assembly with Spring Loaded Rollers	
AHP/100-SA09 AHP/100-SA12	High-Volume Pump 9.6mm Bore Tube with Spigots High-Volume Pump 12.7mm Bore Tube with Spigots	
AHP/103	High-Volume Peristaltic Pump Block & Cover with screws.	
ALP/115	Peristaltic pump tube lubricant	
ARD/010	Filling system PCB	
ARD/428-3/4-SS	30m 3/4" springflex	

Ambic Locator™ Cow Positioner



AMBIC
Locator™
Cow Positioner

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

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



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

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






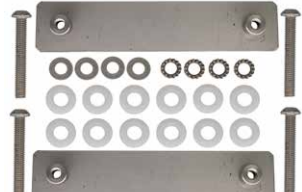



Locator™ with Concrete Fixing Kit
Exploded View

Ordering information: Locator™ Bodies

Part Number	Description	Image
ACL/100G	Locator™ Body with Gasket and Bungs	
ACL/101	Locator™ Body Only	

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

Ordering information: Locator™ Spares

Part Number	Description	Image
ACL/105-C-40	Mounting Kit for Concrete Platform	
ACL/105-T-60	Mounting Kit for Tiled Platform (tile depth 21 to 30mm) Mounting Kit for Tiled Platform (tile depth 31 to 40mm) Mounting Kit for Tiled Platform (tile depth 41 to 50mm)	
ACL/105-M-45 ACL/105-M-50 ACL/105-M-55	Mounting Kit for Rubber Matting (matting depth 10 to 15mm) Mounting Kit for Rubber Matting (matting depth 16 to 20mm) Mounting Kit for Rubber Matting (matting depth 21 to 25mm)	
ACL/105-MP-45 ACL/105-MP-50 ACL/105-MP-55	Mounting Plate for Rubber Matting (matting depth 10 to 15mm) Mounting Plate for Rubber Matting (matting depth 16 to 20mm) Mounting Plate for Rubber Matting (matting depth 21 to 25mm)	
ACL/104	Locator™ Sealing Bung (pack of 4)	
ACL/106	Locator™ Anchor Punch	
ACL/117	Locator™ Sealing Gasket for MKII Cow Locator™ (For new Style Cow Locator™)*	

Ambic Locate 'n' Spray™

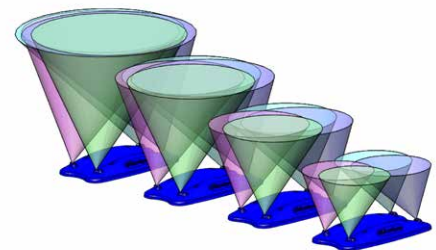


Locate'n'Spray™ is a fully automated teat spray system designed and produced by Ambic for rotary milking systems. It is capable of achieving both high teat hit rates and excellent levels of teat coverage without excessive chemical consumption. Integration with the milking system's process control system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



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

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























Patented Teat Spray Configuration

Ordering information: Locate'n'Spray™ System Spares

Part Number	Description	Image
ALS/1000G	Locate'n'Spray™ Body with 4 Blanking Bungs and Gasket	
ALS/1041G	Locate'n'Spray™ Body for Pre-Spray with 4 Outer Nozzles and Gasket	
ALS/1042G	Locate'n'Spray™ Body for Post-Spray with 4 Inner Nozzles and Gasket	
ALS/1080G	Locate'n'Spray™ Body for Pre- and Post- Spray with 8 Nozzles and Gasket	

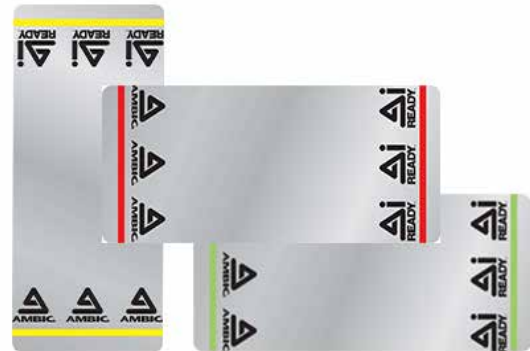
Ordering information: Locate'n'Spray™ System Spares

Part No	Description	Image
ALS/150	Locate'n'Spray™ Plumbing Manifold	
ALS/151	Locate'n'Spray™ Adjustable Manifold	
ALS/152	Locate'n'Spray™ Adjustable Manifold Blanks (10 Pack)	
ALS/155	Locate'n'Spray™ Short Tube	
ALS/160	Locate'n'Spray™ Long Tube	
ALS/162	Locate'n'Spray™ Short Tube Adjust Manifold (4 Pack)	
ALS/163	Locate'n'Spray™ Long Tube Adjust Manifold (4 Pack)	
ALS/170	Locate'n'Spray™ Nozzle Manifold	
ALS/184	Locate'n'Spray™ Nozzle Block and Screws Only (pack of 1)	
ALS/187	Locate'n'Spray™ Single Nozzle Block (pack of 1)	
ALS/186	Locate'n'Spray™ Twin Nozzle Block (pack of 1)	
ALS/182	Locate'n'Spray™ Nozzle Block with One Nozzle for Pre-Spray or Post-Spray (pack of 1)	
ALS/185	Locate'n'Spray™ Nozzle Block with Two Nozzles for Pre-Spray and Post-Spray (pack of 1)	
ALS/190	Nozzle and O'Ring (pack of 1)	
ALS/195	Locate'n'Spray™ 'O'-Ring Kit 2 x Manifold 'O'-Rings 8 x Nozzle Block 'O'-Rings 8 x Nozzle 'O'-Rings 16 x Connector Tube 'O'-Rings	
ALS/204 ALS/203	Locate'n'Spray™ Control Box - Master with Motherboard and Daughterboard Locate'n'Spray™ Control Box - Slave with Motherboard	
ALS/203	Locate'n'Spray™ Solenoid Valve	
ALS/221	Locate'n'Spray™ Vacuum Switch and Bracket Assembly (Post- Spray)	
ALS/231	Locate'n'Spray™ Whisker Switch	
ALS/240	Locate'n'Spray™ Optical Cow Detection Switch (Pre- Spray)	

AiREADY™

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

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



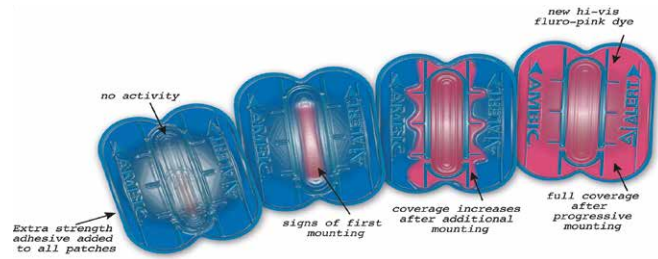
Ordering information: AiREADY™

Part Number	Description	Pack Size	Colour
AR/010-R	AiREADY™	10	Red
AR/025-R	AiREADY™	25	Red
AR/050-R	AiREADY™	50	Red
AR/100-R	AiREADY™	100	Red
AR/010-G	AiREADY™	10	Green
AR/025-G	AiREADY™	25	Green
AR/050-G	AiREADY™	50	Green
AR/100-G	AiREADY™	100	Green
AR/010-Y	AiREADY™	10	Yellow
AR/025-Y	AiREADY™	25	Yellow
AR/050-Y	AiREADY™	50	Yellow
AR/100-Y	AiREADY™	100	Yellow
AR/001	Spare Tack Cloth	1	



Simple, Reliable, Heat Detection

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



Ordering information: AiALERT™EXTRA

Part Number	Description	Pack Size
AA/010	AiALERT™Extra	10
AA/040	AiALERT™Extra	40
AR/001	Spare Tack Cloth	1



AA/040
AiALERTEXTRA
(pack of 40)



AA/010
AiALERTEXTRA
(pack of 10)

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 Number	Description	Colour
TP/001-B TP/001-Y TP/001-O TP/001-G TP/001-R	1 X 500ml bottle of AiPAINT™	Blue Yellow Orange Green Red
TP/012-B TP/012-Y TP/012-O TP/012-G TP/012-R	12 X 500ml bottles of AiPAINT™	Blue Yellow Orange Green Red



JetSpray Guns

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

Ordering information: JetSpray Guns and Spares

Part Number	Description	Connector	Colour
JS1M-B	JetSpray Gun	Metal Hose Tail	Blue
JS1S-B	JetSpray Gun	Snap Connector	Blue
JS3	Metal Hose Tail		
JS4	Plastic Snap Connector		



JS1M-B
JetSpray Gun with Metal
Hose Connector



JS1S-B
JetSpray Gun with
Plastic Snap Connector



JS3
Metal Hose Tail



JS4
Plastic Snap Connector

UdderWash Guns

The UdderWash Gun has been designed to dispense warm or cold wash water at an appropriate rate for udder wash applications. It is easy to fit with a barbed connector for ½” nominal bore hose. Available with either a standard or extended lance which is fitted with a brass nozzle.

Ordering information: JetSpray Guns and Spares

Part Number	Description	Lance	Colour
UW7-B	UdderWash Gun	Standard	Blue
UW700E-B	UdderWash Gun	Extended	Blue
PE210-B	Lance Extension		Blue
UW18	Spare Brass Nozzle		
UW100	Spring & Seal Repair Kit		
UW11	Replacement 'O'-Ring Set		



UW7-B
UdderWash Gun with
Standard Lance

VoluSpray Wash Down Guns

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

Available in a choice of four sizes.



VS1B
VoluSpray Body Only



VS6 20mm
Barbed
Hose Tail



VS5 25mm
Barbed
Hose Tail



VS7 32mm
Barbed
Hose Tail



VS8 40mm
Barbed
Hose Tail

Ordering information: VoluSpray Guns and Spares

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

PortaSpray

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



PS3B
PortaSpray with Extended Nozzle and Stainless Steel Jet



PS8-B
PortaSpray with Short Nozzle and Stainless Steel Jet

Ordering information: PortaSpray					
Part Number	Description	Nozzle	Thread	Jet Type	Colour
PS8-B	PortaSpray Complete	Short	11mm	Plastic	Blue
PS3-B	PortaSpray Complete	Extended	11mm	Stainless Steel	Blue
TRA5-B	Trigger with Nozzle and Straw				Blue
BOT2	Spare 600ml Bottle				White

PortaSpray Nozzles

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



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



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

Ordering information: PortaSpray Nozzles				
Part Number	Description	Thread	Jet Type	Colour
RA4-11-B	Standard Plastic Nozzle	11mm	Stainless Steel	Blue
RA5-11-B	Extended Plastic Nozzle	11mm	Stainless Steel	Blue
RA2-12-B	Standard Plastic Nozzle	12mm	Stainless Steel	Blue
RA50-12-B	Extended Plastic Nozzle	12mm	Stainless Steel	Blue

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Cert No. 14472
ISO9001
ISO14001



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Quality and Compliance

Ambic operations meet the following standards, for which we are regularly audited and are accredited:

- ISO:9001:2015 Quality Management System
- ISO:14001:2015 Environmental Management

Ambic can provide UKCA, CE, EMC and Food Compliance information on request. With custom products we can arrange appropriate compliance testing through our partner service provider.

Product Technical Data Sheets provide material, recycling, Commodity Codes, weight and RoHS details. FAQ's/Images/Safety Data Sheets/Operating Instructions can be downloaded from www.ambic.co.uk

Ambic's website provides:

- A comprehensive list of frequently asked questions and answers
- Product Image downloads
- Safety Data Sheets (where applicable)
- Operating Instructions (principally English, but please enquire if an alternative language is required at tech@ambic.co.uk)

General Terms and Conditions

Errors and Omissions Excepted

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

ambic.co.uk