

## Ordering Information

### Systems and Extension Kits

Part No	Description
AAF/001	AutoFoamer Kit - Single Pump with one Applicator
AAF/001-2	AutoFoamer Kit - Single Pump with two Applicators
AAF/002	AutoFoamer Kit - Twin Pump with one Applicator
AAF/002-2	AutoFoamer Kit - Twin Pump with two Applicators
AAF/014	AutoFoamer Extension Kit

### Spare parts

Part No	Description
AAF/003	AutoFoamer Power Unit - Single Pump
AAF/003-2	AutoFoamer Power Unit - Twin Pump
AAF/004	AutoFoamer Lance Assembly
AAF/005	AutoFoamer Compressed Air Regulator
AAF/006	AutoFoamer Coil with Manifold
AAF/007	AutoFoamer Filter Disk Pack
AAF/008	AutoFoamer 'O' Ring Pack
AAF/017	AutoFoamer Hanging Hook (inc cable ties)
AAF/018	AutoFoamer Dropper Support Bracket
AAF/019	AutoFoamer T Piece (Twin Pack)
AAF/020	AutoFoamer Straight Connectors (Twin Pack)
AAF/021	AutoFoamer Elbow Connectors (Twin Pack)
AAF/022	AutoFoamer Pump Tube Set - Single Pump
AAF/023	AutoFoamer Pump Tube Set - Twin Pump
AAF/024	AutoFoamer End Plugs (Pack of 4)
AAF/027	AutoFoamer Non Return Valve, white, PP (Twin Pack)
AAF/028	AutoFoamer Black Air Distribution Line (30m)
AAF/029	AutoFoamer Grey Chemical Distribution Line (30m)

## ...about Ambic

Ambic Equipment 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 around the world. In particular Ambic is the world's leading supplier of mastitis prevention and detection equipment, its leading market position has been built up as a result of almost thirty years of dedication to research and development, innovative product design, quality manufacture and superb customer service.

In addition to the AutoFoamer Ambic has an extensive range of mastitis detection and mastitis prevention products including teat dipping, teat spraying and manual foaming dip cups. Visit our website at [www.ambic.co.uk](http://www.ambic.co.uk) for further details.

YOUR LOCAL AMBIC DEALER:

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



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## AutoFoamer™

### Automated Foam System



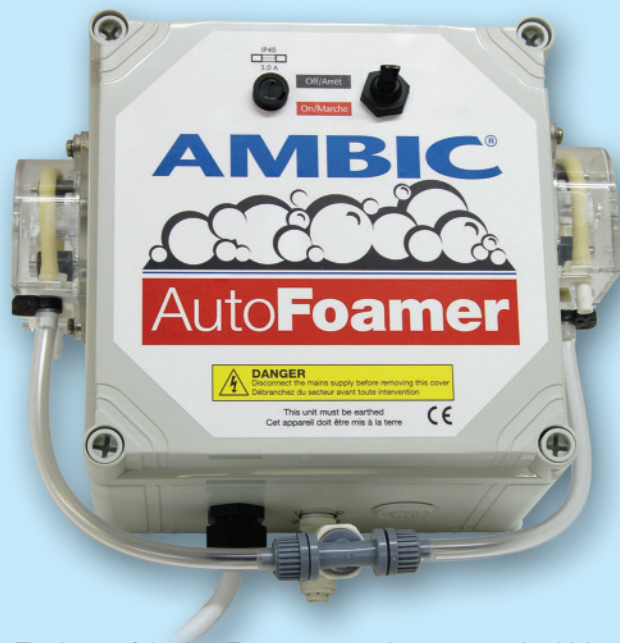
Designed to provide a fully automated and constant supply of optimum quality foam for effective pre-milking teat preparation

- **Patented\* new system to generate optimum quality foam for pre-dipping of teats**
- **Fully automated system minimises labour required for pre-dipping**
- **Remote chemical supply ensures safe handling of chemicals in accordance with HACCP**
- **Expandable to fit any size of milking installation**
- **Suitable for most one and two-part chemicals**

PCT/GB2008/050206  
 \*Patent App No.GB705478.6

# AMBIC®

## AutoFoamer™ Power Unit



The heart of the AutoFoamer system is a power unit which uses peristaltic pumps to pump chemical at a constant low pressure. When correctly combined with a supply of low pressure compressed air, in the appropriate ratio, this unit is able to generate foam of optimum structure and quality for effective pre-milking treatment of cows' teats.

Low pressure compressed air is supplied via an adjustable regulator linked to the farm's compressed air supply.

Chemical is sucked up direct from the drum(s) by one or two synchronised peristaltic pumps, depending on the chemical being used, to be dispensed accurately in relation to the air consumed in order to ensure precise control of foam quality.



Optimum foam structure

# AMBIC®

## AutoFoamer™ System

Whilst post milking treatments have been very effective in reducing the level of contagious mastitis in dairy herds, the focus has shifted in recent years to reducing the incidence of environmental mastitis. Pre-milking treatments have been found to be an effective means of reducing the risk of contamination by environmental pathogens present on the teat end. This reduces the risk of bacteria penetrating the streak canal and causing new infections. Foam has been found to be a particularly effective way of treating teats prior to milking because it has the following advantages:



- Foam is more effective than liquid at penetrating to the skin surface in order to loosen and lift dirt and faecal material from the teat as a result of the action of the bubbles collapsing around the teat
- The application of a liquid chemical as foam consumes less chemical than when applied in liquid form
- Less labour time required than manual dipping
- Reduced/safer handling of chemicals

# AMBIC®

## AutoFoamer™ Applicator

The AutoFoamer applicator is supplied with twin drop coils conveniently located in the milking parlour for ease of access to cows for the application of foam.

The special patented foaming mesh inserts located in the lance assembly generate the optimum foam structure to ensure the appropriate amount of chemical is applied to the teat together with the correct bubble structure to facilitate agitation on the teat surface in order to lift dirt and debris.

The lance assembly is easy to dismantle for routine cleaning and is supplied with a handy hook to store the applicator in a convenient position when not in use.

Extension kits are available to extend the AutoFoamer for larger systems.



Special patented foaming meshes