

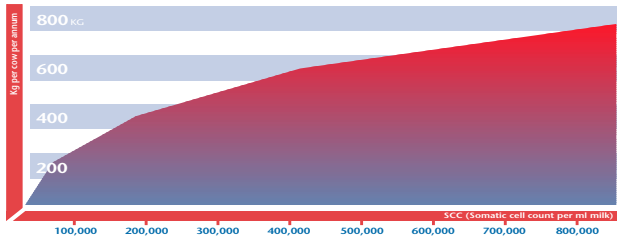
The Cost of Mastitis

Mastitis is the most expensive preventable cost to the dairy farmer. World-wide the annual cost has been estimated at US \$150/€140/£95 per cow.

This includes:

- Loss of milk production
- Reduced value of milk through milk quality payment schemes
- Treatment and veterinary costs
- Costs of discarded milk
- Culling of infected animals

Annual Milk Loss



Costs of mastitis in an average dairy herd

In a herd of 100 cows with a mastitis rate of 65 cases per annum and a bulk somatic cell count of 200,000 the annual cost of mastitis would typically be US \$14,700 /€ 12,800 / £9,100:

	US \$	€	£
Clinical mastitis	8,400	7,300	5,200
Cell count penalty	6,300	5,500	3,900
Total cost of mastitis	14,700	12,800	9,100

Statistics are by Edmondson and Blowey 2001
Approximate exchange rates €1= £0.71 US \$1=£0.62

Costs for a less healthy herd could be much higher.

Teat disinfection is a key component of the Five Point Plan which has had such a dramatic impact on reducing the level of mastitis in herds around the world over the past 20 years.

Part Numbers: FOAMING DIP CUP

- ADC/130 Foaming Dip Cup (single)
- ADC/130-24 Foaming Dip Cup Multi-Pack (24)

Part Numbers: POWER FOAMER

- APF/001 Electric Power Foamer with 3 foam applicators and electric pump
- APF/300 Pneumatic Power Foamer with 3 foam applicators and regulator
- APF/004 Foam applicator and gun
- APF/005 Pressure regulator including enclosure
- APF/014 Extension kit with applicator, coil and fittings
- APF/030 Foam applicator

AMBIC®

...designed for today's Dairy Farmer

Other world class products in the Ambic range:-



Jetstream

The world's most advanced high power, vacuum operated Teat Spray System. Fully expandable, to meet the needs of even the largest herds.



Vision

Installed in minutes, this robust 2nd generation in line detector provides guaranteed individual mastitis detection 365 days of the year.



Flowfilter

High quality affordable milk filtration with re-usable stainless steel filter elements.



Milk Sampler

Developed with National Milk Records in the UK, this stand alone sampler takes a small yet representative sample across the whole milking.

YOUR LOCAL AMBIC DEALER:



Ambic Equipment Limited
Avenue Four, Station Lane, Witney
Oxfordshire, OX28 4XT. England
Telephone: +44 (0) 1993 776555
Fax: +44 (0) 1993 779039
Email: sales@ambic.co.uk



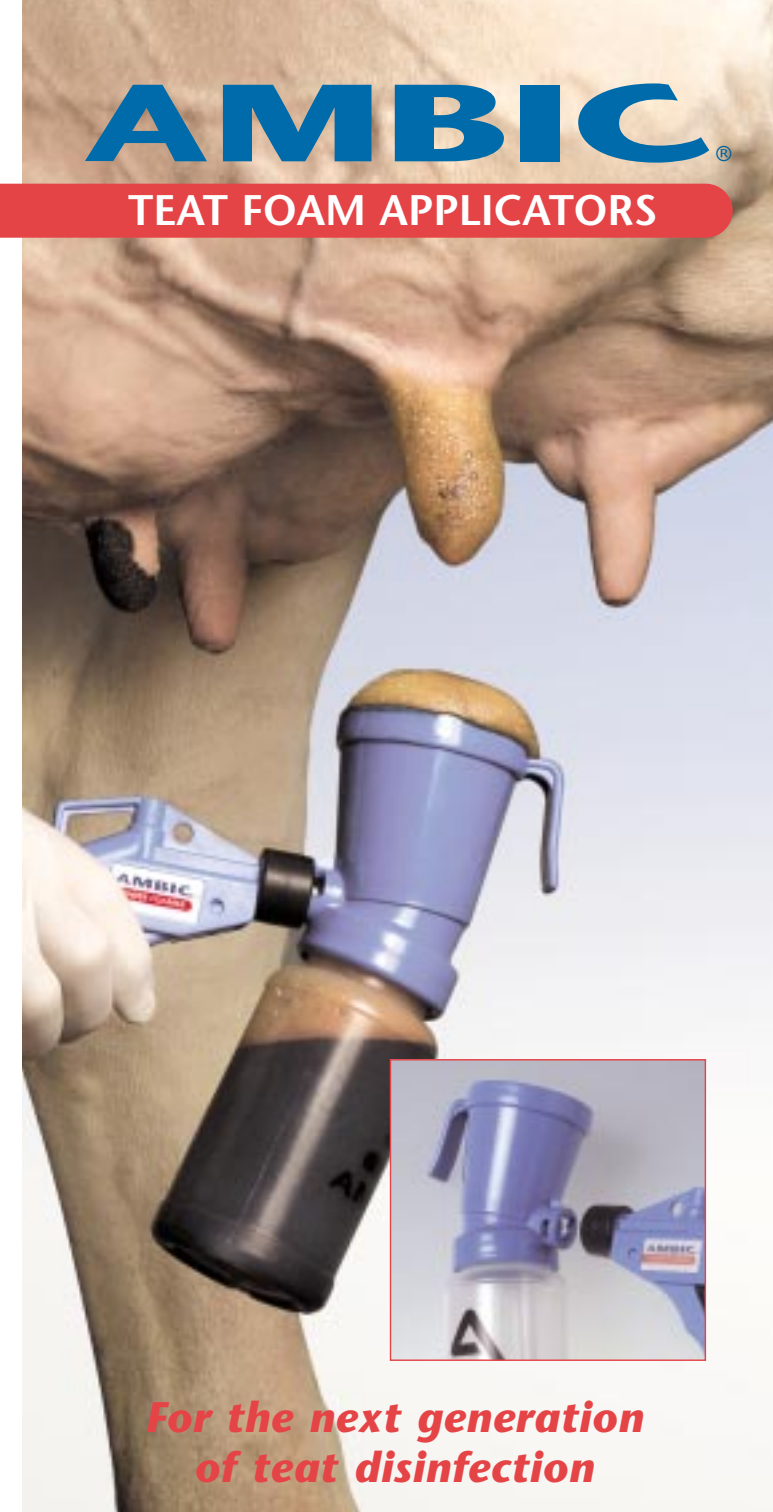
FM 09784

Visit the Ambic web site: www.ambic.co.uk

SHEET No. PF6400 08.09.03

AMBIC®

TEAT FOAM APPLICATORS



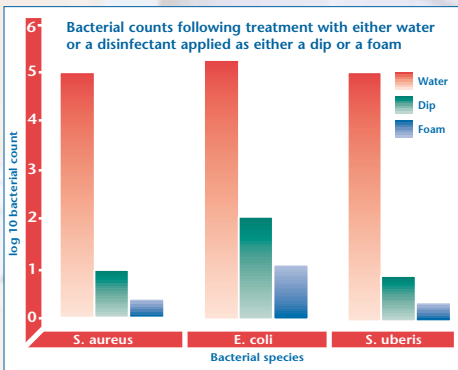
**For the next generation
of teat disinfection**

Ambic Foam Applicators

Why use foam?

- More Effective**
 Research proves that Iodine applied as a foam is more effective in the elimination of *S. uberis*, *S. aureus* and *E. coli* than the same product applied as a dip.
- Saves Chemical**
 Reduces the amount of chemical used saving money and helping the environment.
- Increased Visibility**
 Increased visibility of foam makes it easy to check that teats have been thoroughly covered.
- 100% Teat Coverage**
 Easy to achieve 100% teat coverage when compared to spraying.

How effective is it?



The Institute for Animal Health in the UK have carried out a trial* which shows that an iodine teat dip when applied as a foam decreases *Staph. aureus*, *Strep. uberis* and *E. coli* bacteria count by about 50% compared to the same product applied as a dip:

*Study Report IAH B14 May 2003



What are the potential savings?

HERD SIZE	US \$		€		£	
	CURRENT TECHNIQUE DIP	SPRAY	CURRENT TECHNIQUE DIP	SPRAY	CURRENT TECHNIQUE DIP	SPRAY
50	\$101	\$307	€88	€268	£62	£190
100	\$201	\$613	€176	€535	£125	£380
200	\$403	\$1,226	€352	€1,071	£250	£760
300	\$604	\$1,839	€527	€1,606	£374	£1,140
400	\$805	\$2,452	€703	€2,141	£499	£1,520
500	\$1,007	\$3,065	€879	€2,677	£624	£1,900
1000	\$2,013	\$6,131	€1,758	€5,353	£1,248	£3,801

Cost of dip: \$5.68 per US gallon / €1.31 per litre / £0.93 per litre • Typical spray usage: 9 ml per cow per application • Typical dip usage: 4.5 ml per cow per application • Typical foam usage: 2.3 ml per cow per application • Lactation: 305 days • Approximate exchange rates: €1 = £0.71 / \$1 = £0.62



What can foam be used for?

- Foam can be used either as a highly effective pre-dip or post-dip.
- Increasing range of specific foaming products available from manufacturers such as Alcide, DeLaval, Ecolab, Kleencare, Westfalia and others.
- Many existing chemicals from these and other suppliers are also suitable for application as a foam.

What equipment is available?

FOAMING DIP CUP

Foaming dip cup based on the original best selling Ambic Dip Cup.



- Simple, low cost introduction to all the benefits of foam.
- Easy-squeeze flexible bottle for ease of use.
- Consistent foam density to ensure complete teat coverage.
- One refill of applicator sufficient to treat 100 cows.
- Applicators available in choice of colours for pre and post dipping.
- Manufactured from the highest quality chemical resistant materials.

POWER FOAMER

Available in a pneumatic version that uses existing on-farm air supply and an electric version with built in air pump.



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