

AMBIC®

...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.

Ordering Information

Part Number	Description
APA/100	PeraSpray with Three Applicators
APA/101	PeraSpray Power Unit
APA/014	PeraSpray Extension Kit with One Applicator
APA/004	PeraSpray Diaphragm Pump
APA/006	PeraSpray Coil
APA/002	PeraSpray Applicator
APA/020	Nozzle and Shield Assembly
AJS/2415	Solid Cone Nozzle
AAF/017	Applicator Hanging Hook

YOUR LOCAL AMBIC DEALER:



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ISO 9001:2008
FIM 09784

AMBIC®

PeraSpray™

MILKING CLUSTER DISINFECTANT SYSTEM



- 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
- Quicker and more effective than cluster dipping

About Peracetic Acid

The cluster is a well known source of transmission of mastitis pathogens from cow to cow. Once an infected cow has been milked, the next 6 to 8 cows milked through the same cluster are at risk of contamination and the first 1 or 2 cows are at a particularly high level of risk.

Sanitation of the cluster between cows is one effective method of reducing this risk by killing any pathogens present before it is attached to the next cow.

Peracetic acid (PAA) (also commonly referred to as peroxyacetic acid) has been found to be an effective means of cluster sanitisation for the following reasons:

- A minimum contact time of as little as 10 seconds is required for PAA to be effective
- Liners only need to be shaken off before being attached to the next cow
- No need to rinse the clusters since there is no residual effect with PAA
- PAA breaks down into harmless components – carbon dioxide, water and oxygen so there are no problems relating to milk taint or contamination
- PAA can be used over a wide temperature spectrum
- No microbial resistance reported to date
- PAA is environmentally friendly and is the only cleanser of choice for Organic Milk Producers

About Peracetic Acid Spraying

Cluster spraying has the advantage of delivering fresh solution each time a cluster is sprayed ensuring that the solution is active and therefore effective.

Cluster spraying also has the advantage of avoiding the large capital investment required for cluster flushing.

The PeraSpray system is supplied with the following components:

- Power unit with special seals that are resistant to PPA
- Three drop kits with the special applicators which ensure that both the inside and the outside surfaces of the liner are sanitised
- Handy hanging hooks to park the applicators in the parlour when not in use



Health & Safety

The PeraSpray system is safe to use since the recommended concentration of PAA used for cluster spraying is very low (typically 0.05 – 0.1%). Independent research conducted by Silsoe Spray Applications for Ambic, considered issues of droplet size, spray drift, potential inhalation of chemical and the safe number of maximum treatments per day and has confirmed that cluster spraying is a safe practice under normal milking conditions.