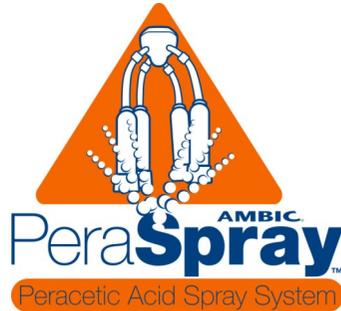




# From Dairy Spares

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## The Cost Effective Milking Cluster Disinfection System

- Spray system to disinfect clusters with Peracetic Acid between cows
- Reduces transmission of mastitis pathogens from cow to cow
- Quicker and more effective than cluster dipping
- Utilises safe, environmentally friendly low concentration chemical
- Low capital investment means short payback period

Cluster spraying has the advantage of delivering fresh solution each time the cluster is sprayed. The solution is always active and effective - unlike cluster dipping.

It is recommended to mix a fresh batch of Peracetic Acid solution each day for maximum effectiveness.

Cluster spraying offers a low capital investment solution to cluster disinfection with a short payback period - unlike backflush systems.

The PeraSpray system has a specially designed spray lance which sanitises both the inside and outside surfaces of the liner.

### PeraSpray System

The PeraSpray system is supplied with the following components:

- Well proven vacuum operated power unit, based on the successful Ambic Jetstream teat spray system with special seals and components resistant to PAA
- Single or multiple drop kits with special PeraSpray applicators to sanitise the liners
- Handy hanging hooks to park the applicators when not in use
- Extension kits available for larger parlours

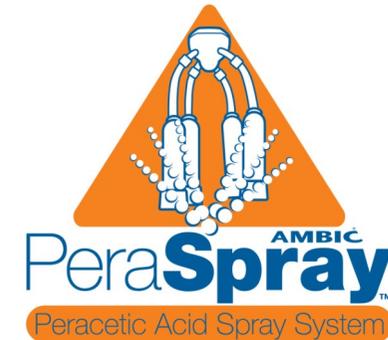


AP100

Peraspray c/w 3 Applicators



AP003 Applicator



### About Peracetic Acid

The milking 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 that same cluster are at risk of contamination, the first 1 or 2 cows being exposed to a particularly high level of risk.

Sanitation of the cluster between cows is an effective method of reducing the risk of contamination by killing any pathogens present in the cluster before it is re-attached to the next cow.

Peroxyacetic acid (also commonly known as PeraceticAcid or PAA) has been found to be a particularly effective means of cluster sanitisation for the following reasons:

- Highly effective at very low concentration levels - typically 0.05 to 0.1%
- Minimum contact time of only 10 seconds required to be effective
- Liners only need to be shaken off before being re-attached to next cow - no rinsing required
- PAA breaks down into harmless components - carbon dioxide, water and oxygen, so no problems relating to milk taint or contamination
- PAA is environmentally friendly (and approved for organic milk producers)
- No known microbial resistance to PAA

\* Independent research by Silsoe Spray Applications confirms that use of the PeraSpray system is safe under normal milking conditions

Part No.	Description
AP100	PeraSpray with 3 applicators
AP101	PeraSpray Power Unit
AP004	PeraSpray Diaphragm Pump
AP013	PeraSpray Extension Kit
AP006	Coil
AP003	Applicator
AP020	Nozzle and Shield Assembly
AJ415	Solid Cone Nozzle
AA017	Hook