

PeraSpray™ FAQs

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- [Can I use my PeraSpray™ to spray teats with Peracetic Acid?](#)

Our PeraSpray™ system has been designed as a cluster spray system for use with Peracetic Acid. We do not recommend the use of this system for teat spraying with Peracetic Acid due to the nature of the chemical and the likelihood of aerosol production caused by the spray pressure of the guns. Peracetic Acid can cause irritation to the eyes, the skin and the mucous membranes of the respiratory tract.

However, if the system is used then the guns will need to be from either the JetStream™ or the Classic range and are likely to need to be replaced more frequently than when used with other chemicals.

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- [How many drop coils will run from a single PeraSpray™ power unit?](#)

The PeraSpray™ system can be expanded to incorporate up to 50 applicators with drop coils. However, no more than 3 applicators can be in operation at any one time.

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- [How many drop coils do I need in my parlour?](#)

As a general 'rule of thumb' the droppers should be positioned to reach 2 cows on each side of the pit; on average you will need one dropper for every four cow standings. Note: some wide pits may require drop coils on both sides.

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- [What is the maximum length of delivery tubing that can be used?](#)

The recommended maximum length of the delivery line is less than 25 metres allowing a large number of applicators to be connected to a PeraSpray™ power unit.

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- How many applicators can I use at the same time?

The recommended maximum number of applicators which can be used simultaneously to spray is 3 for PeraSpray™. In other words, the PeraSpray™ system can accommodate three operators spraying at the same time.

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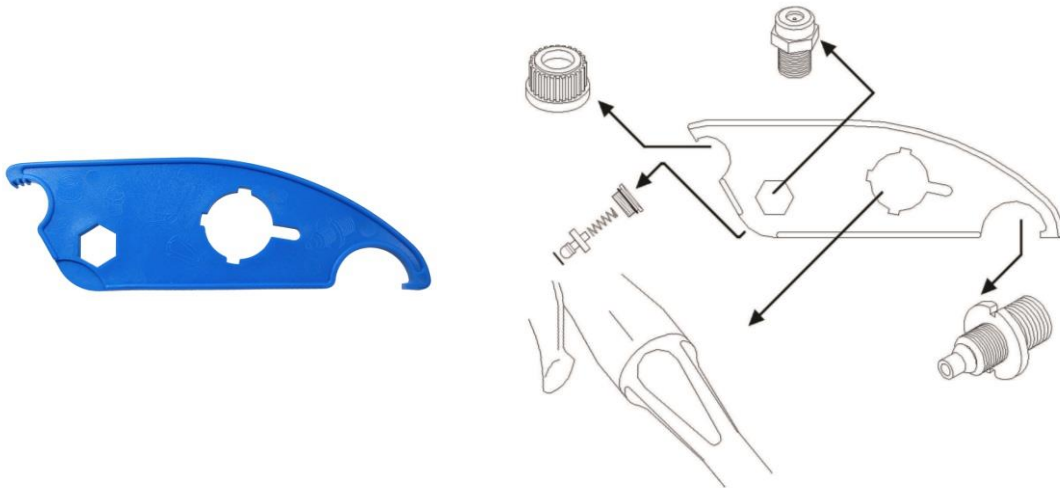
- How far can I stretch the drop coil to reach the clusters to be sprayed?

The drop coil is 60cm long before it is extended. It can be stretched up to a maximum length less than or equal to 1.5 metres. Stretching it to greater than 1.5m will cause it to lose memory and it will fail to retract properly. In addition, if the coil is regularly overstretched or pulled at an oblique angle then it can be pulled off at the T connector. Therefore, we recommend using one dropper to reach 2 clusters on either side of the pit.

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- What is the AmbiSpanner™ used for?

The AmbiSpanner™ is a multipurpose tool that can be used to speed up installation and servicing of your teat spray system. Uses include: tightening and untightening of nuts and non-return valves, removal of the control valve on lever guns, and removal of solid cone gun nozzles. All complete systems and power units include an AmbiSpanner™ located in the PeraSpray™ power unit lid, but it can also be ordered as a spare part with product code AJS/2055.



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- Why should I use an intake filter?

Intake filters are used on the end of the chemical line and prevent dirt and debris from getting into the system and blocking the non-return valves in the diaphragm pump. Using an intake filter can increase the life of the pump as the majority of pump failures are linked to blocked non-return valves where debris has been drawn into the pump and non-return valves. Intake filters should be cleaned regularly and replaced if they get damaged. Replacement intake filters are available as a spare part(s), either complete with flexible tubing (ATS/412) or in a pack of 2 (ATS/419).



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- Can I use my PeraSpray™ with a dragline?

A PeraSpray™ system can be used with a dragline by fitting a gun swivel connector (part number ATS/461-1/4) in the back of the PeraSpray™ applicator and running a ¼" reinforced hose to the PeraSpray™ power unit. The dragline is then attached to the PeraSpray™ power unit using connector ATS/461-1/4F. Please note that you will need to cut the barb off the tee-piece to fit the female swivel.

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- Can I switch the PeraSpray™ power unit off during the milking machine wash routine?

The PeraSpray™ system is supplied with an in-line vacuum On/Off valve (AJS/2026) which should be fitted to the connection from the PeraSpray™ unit to the vacuum line. This can be used to switch the PeraSpray™ system off during the wash routine thus reducing wear and tear on the power unit; extending the life of the wearing parts such as the diaphragms. This is particularly useful where plant washers which have long wash routines are in use.

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- How often should I service my PeraSpray™?

We recommend that a minor service is made annually, with a major service every 5 years – minor service kits are available: AJS/2024:



Other parts of the unit, such as the applicators and the intake filter on the chemical line, should be cleaned regularly to ensure that they don't get blocked

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- My question has not been covered – how can I get more information?

For further technical information please contact Ambic either by email or by telephone:

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