



## Product Information Sterimatic Needle Protector and cleaning system

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**March 2016**

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# Multi-dose Syringe, Needle Protector and Cleaning System

The Sterimatic system consists of a Needle Guard and Stericap which attach onto many standard multi-dose syringes. The system has been designed to take the worry out of giving injections by automatically cleaning and protecting the needle. This;

- **Reduces needle-stick injuries**
- **Reduces infection & abscessing**
- **Reduces disease transmission**

**Sterimatic**   
Safer, Cleaner injections

## 1. Sterimatic Needle Guard

- Reduces needle-stick injuries
- Reduces needle damage
- Options for Subcutaneous or Intramuscular Injections

Attaches to many syringes including ISL, Hauptner, Henke, Phillips, Primitech, Simcro and TU



## 2. Stericap

- Automatically cleans with every Injection
- Reduces infection and abscessing
- Reduces disease transmission
- For large animals, each Stericap can be used up to 100 Injections within 3 days from opening (500 for poultry).

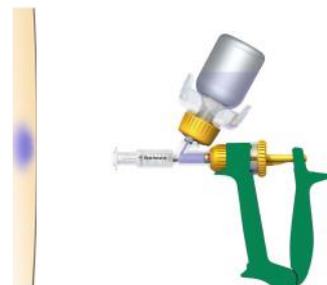
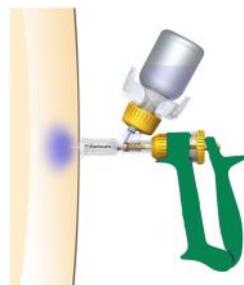


## How it works;

The Stericap is pushed against the skin. The needle guard retracts and the needle passes through the Stericap. It is wiped clean and enters the skin.

The dose is delivered accurately at the correct depth.

As the needle is withdrawn, it is automatically cleaned and protected as it passes through the Stericap destroying viral & bacterial contaminants.



More information and videos available at [www.sterimatic.com](http://www.sterimatic.com)



## Components

### Needle guard.

The needle-guard is a screw-fit onto the Multi-dose syringe and fits around the needle. They are plastic retractable devices containing a metal spring.

There are 2 sizes available for different injection depths.

### Clear needle guard for 12mm" injection

Use a standard 25mm metal hub needle for a 12mm (1/2") injection



### Green needle guard for 25mm injection

Use a standard 37mm metal hub needle for a 25mm (1") injection



### Stericap

The Stericap is a push-fit into the end of the needle-guards.

Stericaps are sealed plastic containers with a foam insert soaked in a biocide disinfectant.

The disinfectant is a mix of 2.5% Glutaraldehyde and 5% Bardac 22 (Didecyl Dimethyl Ammonium Chloride).



The Stericap cleans the outside of the needle and the flushing action of the injectable cleans the inside. The main dose of the injectable does not contact the biocide except in the rest position there is minimal contact in the end tip of the needle.

Recommended use with large animals. Each Stericap can be used for up-to 100 injections within 3 days from opening. For poultry 500 injections within 12 hours.

## Product Registration requirements

In the UK the system is classed as Veterinary equipment and not an injectable.

Therefore it does NOT have to be registered as a medical device in the UK.

The Biocide inside the Stericap complies with current EU Biocide regulations.

See next page for letter confirming this from the UK authorities.

Customs Tarriff code is 9033 0000

**There is approximately 0.2ml of Stericide inside each Stericap. Label requirements as below**

#### Stericide contained within each Stericap:

2.5% Glutaraldehyde & 5% Bardac

**Supplier:** Sterimatic Worldwide Ltd, Griffin Mill, GL5 2AZ, UK.

www.sterimatic.com Tel: +44 (0)1453 884944

#### Hazard statements:

315 Causes skin irritation

317 May cause an allergic skin reaction

319 Causes serious eye irritation

334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

400 Very toxic to aquatic life

#### Hazard Precautions

P280 Wear protective gloves / protective clothing /face protection

P285 In case of inadequate ventilation wear respiratory protection

P304-341 If inhaled if breathing is difficult remove victim to fresh air and keep at rest position comfortable for breathing

P305+351+338 If in eyes rinse cautiously with water for several minutes .

Remove contact lenses if present and easy to do. Continue rinsing.

342+311 If experiencing respiratory symptoms call a poison centre or doctor physician

Dispose in accordance with local regulations. Keep out of the reach of Children



# Multi-dose Syringe packs featuring the Sterimatic system

The Sterimatic system can be supplied as part of a complete syringe pack as below

**Code: SYA001SW**



## 2ml Bottle-mounted Syringe with Sterimatic 12mm injection kit (300 dose, 18G)

- 2ml Bottle Mounted Syringe (Genia, Hauptner, HSW, ISL, Primatech, Simcro, Socorex)
- Sterimatic clear needle guard for 12mm (1/2") injection
- 3 x Stericaps (100 dose per cap)
- 3 x Metal hub Needles (1" x 18G)

**Code: SYA004SW**



## 6ml Bottle-mounted Syringe with Sterimatic 12mm injection Kit (300 dose, 18G)

- 6ml Bottle Mounted Syringe (Genia, Hauptner, HSW, ISL, Primatech, Simcro, Socorex)
- Sterimatic clear needle guard for 12mm (1/2") injection
- 3 x Stericaps (100 dose per cap)
- 3 x Metal hub Needles (1" x 18G)

**Code: SYA002SW**



## 2ml Tube-fed Syringe with Sterimatic 12mm injection Kit (300 dose, 18G)

- 2ml Tube fed Syringe (Genia, Hauptner, HSW, ISL, Primatech, Simcro, Socorex)
- Vented spike with air-filter and 1m draw-off-tube
- Sterimatic clear needle guard for 12mm (1/2") injection
- 3 x Stericaps (100 dose per cap)
- 3 x Metal hub Needles (1" x 18G)
- Lanyard to hold the bottle

**Code: SYA003SW**



## 5ml Tube-fed Syringe with Sterimatic 12mm injection Kit (300 dose, 18G)

- 5ml Tube fed Syringe (Genia, Hauptner, HSW, ISL, Primatech, Simcro, Socorex)
- Vented spike with air-filter and 1m draw-off-tube
- Sterimatic clear needle guard for 12mm (1/2") injection
- 3 x Stericaps (100 dose per cap)
- 3 x Metal hub Needles (1" x 18G)
- Lanyard to hold the bottle

The Sterimatic system can be supplied with a universal adapter to fit to all luer-lock syringes

**Code: SYA123SW**



## Sterimatic Universal adapter with Sterimatic 12mm injection kit (300 dose, 18G)

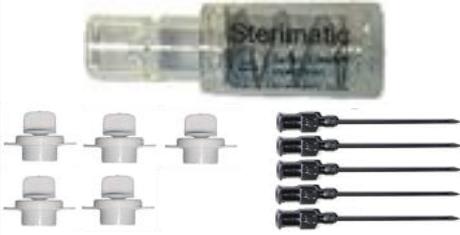
- Sterimatic Universal Adapter
- Sterimatic clear needle guard for 12mm (1/2") injection
- 3 x Stericaps (100 dose per cap)
- 3 x Metal hub Needles (1" x 18G)
- Packed into a clear bag with instructions



# Sterimatic system, starter and refill kits

The Sterimatic system can be supplied for use with compatible syringes or as refill packs

Code: RPA035SW



## Sterimatic 12mm Injection Kit (500 dose, 18G, 12mm)

- Sterimatic clear needle guard for 12mm (1/2") injection
  - 5 x Stericaps (100 dose per cap)
  - 5 x Metal hub Needles (1" x 18G)
  - **Packed into a clear bag with instructions**
- For use with all the above syringe packs or other compatible syringes

Code: RPA036SW



## Sterimatic 22mm Injection Kit (500 dose, 18G, 22mm)

- Sterimatic green needle guard for 22mm (1 1/2") injection
  - 5 x Stericaps (100 dose per cap)
  - 5 x Metal hub Needles (1 1/2" x 18G)
  - **Packed into a clear bag with instructions**
- For use with all the above syringe packs or other compatible syringes

Code: RPA0001SW



## Sterimatic refill pack for Clear Needle guards (500 dose, 18G, 12mm)

- 5 x Stericaps (100 dose per cap)
  - 5 x Metal hub Needles (1" x 18G)
  - **Packed into a clear bag with instructions**
  -
- For use with CLEAR Needle guards

Code: RPA0002SW



## Sterimatic refill pack for Green Needle guards (500 dose, 18G, 22mm)

- 5 x Stericaps (100 dose per cap)
  - 5 x Metal hub Needles (1 1/2" x 18G)
  - **Packed into a clear bag with instructions**
  -
- For use with Green Needle guards



Adapters to enable use with Metal multi-dose injectors available on request.

Compatible syringes include Phillips, Kaycee, Socorex, HSW, Hauptner etc....

# Sterimatic, Single-dose Syringe, Needle Cleaning System

The Sterimatic bottle protector consists of a collar and Stericap which clip onto the bottle top. It has been designed to take the worry out of giving injections and automatically cleans the needle.

- **Reduces bottle contamination**
- **Reduces infection & abscessing**
- **Reduces disease transmission**

**Sterimatic**   
Safer, Cleaner injections

### Collar

To clip onto the bottle top  
2 sizes for different vials;  
- 50/100ml  
- 250/500ml



### Stericap.

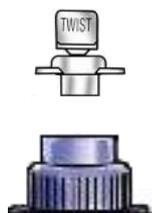
Fits into the collar.

**Each Stericap can be used to give 100 injections within 3 days of opening.**

**This product is recommended by vets and has been independently tested. It is effective against contaminants including FMD, Staph, Bluetongue, PRRS, Leukosis, E-coli. amongst many others.....**

The bottle is protected and the needle is automatically cleaned on its way into and out of the bottle.

**Code: BAA101**



### Sterimatic 20mm Bottle Protector

- **Stericap**  
(100 doses within 3 days)
  - **Collar**  
To fit 20mm necked bottles
- Packed into a clear bag with instructions

**Code: BAA201**



### Sterimatic 33mm Bottle Protector

- **Stericap**  
(100 doses within 3 days)
  - **Collar**  
To fit 33mm necked bottles
- Packed into a clear bag with instructions

## Sterimatic Protect-a-bottle



The Protect-a-bottle is a plastic shield that fits around the glass bottle. It has been designed to reduce the risk of breakage if the bottle is dropped.

A Stericap fits into the top enabling the needle to be automatically cleaned.

The Lanyard has an extra clothing clip to hold the bottle out of harm's way.



**Simple and effective bottle protection**

**Code: BOT001**

### Sterimatic, 100ml Protect-a-bottle

- **Bottle protector**  
for 100ml bottles (20mm)
  - **Stericap (x 3)**  
(100 doses within 3 days)
  - **Lanyard**  
With clothing clip to hold bottle out of harm's way
- Packed into a clear bag with instructions



## Product Registration requirements

letter from the UK authorities confirming no requirement for product registration and that the biocide complies with EU regulations.



### More information:

There is more information with animations and videos at [www.sterimatic.com](http://www.sterimatic.com)  
Please also contact Sterimatic Worldwide Ltd if you have any questions



## Summary of Stericap Data-file

Below is a summary of the testing carried out on the Stericap. All testing is carried out independently from Sterimatic. Copies of individual tests or the complete data-file are available on request.

### **Summary of Independent tests on the Stericap**

**Bacterial contaminants:** Stericap effective against; E-coli, Staphylococcus Aureus, Staphylococcus Epidermis, Streptococcus Faecalis, Corynebacterium Pyogenes, Bacillus Cereus, Bacillus stearothermophilus, Clostridium Perfringens, Clostridium Chauvoei, Pasteurella multocida, Candida albicans, Aspergillus niger.

**Viral contaminants:** Stericap effective against; Foot & mouth disease, Rinderpest, Blue tongue, IBR & BLV virus, Myeloid Leukosis & PRRS virus (European Strain).

**Live vaccines:** The system cleans the outside of the needle and the flushing action of the injectable cleans the inside, therefore there should be no effect on live vaccines.  
Tests show there is no effect on; IBR & BVD vaccines, Brucella abortus, Brucella Melitensis & Brucella Rev 1, and the CAV live vaccines.  
We cannot guarantee untested injectables.

**Shelf life:** Still working 72 hours after opening and 5 years for un-opened Stericap.

**Irradiation:** Stericaps still working after being irradiated.

### **Toxicological studies:**

**Farm Studies:** Slaughter house data on lambs that have been vaccinated using the Sterimatic system have shown no injection site abscesses and therefore no downgraded or discarded carcasses.

**Successful field use world-wide for 20+ years:** Used in many livestock sectors worldwide (Cattle, sheep, Llamas, pigs, poultry, rabbits etc...)

### **Testing was carried out by:**

The UK Ministry of Agriculture. (MAFF & also DEFRA)  
South African Department of Agriculture  
The Royal Veterinary College (University of London, UK)  
The Wellcome foundation Ltd (London, UK)  
Dr J.G. Davis & Partners. (Independent lab in Reading, UK)  
Toxicol Laboratories Ltd (Ledbury, UK)  
Intervet

Please ask if you would like more information on a specific test



## Customer testimonials

Why should you use Stericaps - "As a contractor shearing about 8,000 sheep each year I noticed about 30% of animals had what I believed to be injection site lumps"  
(Mr Simpson from Wiltshire, UK)

***"I started using the Sterimatic system 8 years ago. Since then we have used Sterimatic with all our injections and during that time I have not had a needle-stick injury. Slaughter house data on 2700 lambs per year (total 21,600) has proven there to be no injection site abscesses and therefore no downgraded or discarded carcasses. I believe the benefits significantly outweigh the cost of using the Sterimatic system."***  
(Mr Heritage farms in Warwickshire, UK)

**Mr Lane is a Dairy farmer in Oxfordshire and has 160 Dairy cow herd. He treats approximately 140 animals per year with Bravoxin (Covexin) and used to see injection site swellings with puss. However since using the Sterimatic system for 2 years he has seen virtually no swellings.**

*I had previously noticed some abscesses & lumps after vaccinating lambs, however since using the Sterimatic system for the last 8 years I have seen no more problems.*  
(Mr Pugh from Wales Dec 03)

*I have used the Sterimatic system whilst vaccinating sheep since it was first launched over 18 years ago. In all that time I have never seen any problems of abscesses at the injection site or ever had a needle-stick injury.*  
(Mr Morgan from Wales Dec 03)

*"I've been using the Sterimatic system for about 3 years and find it easy and convenient to use for injecting pigs. I use it to reduce the risk of needle-stick injuries and cross infection, particularly in view of current concerns such as PWMS & PDNS. The finishing farm that I send pigs too has not told me of any problems due to infections or abscesses."*  
(A Pig farmer in Southern England May 04)

*"We at Atkins Alpacas highly recommend the Sterimatic system and have been using it and recommending it to our clients for some years, It is fast and hygienic saving both our time and therefore money, but more importantly it saves stressing our alpacas especially the pregnant ones, as we do not need to contain them for long periods of time whilst administering the old single syringe system."*  
(Mr Atkins - Farms in - Gloucestershire.)

