

## RISK FREE PASTEURISATION

# Tamper Evident Safety Seal Storage Bottles

Probably the most important new development from STERIFEED is the induction sealed cap closure for storage bottles, providing absolute security during pasteurisation and transportation up to the point of use.

Used in conjunction with the STERIFEED Data Logger Batch codes provides confirmation that the bottle had been pasteurised in accordance with published medical standards identifying Source, Formula or Donor.

The safety seal will prevent even minute volumes of water diluting the milk during pasteurisation and cooling.

The seals features a tab to avoid touching the neck of the bottle when removing the tamper evident foil seal.

The above method now answers many doctors apprehension regarding the professional handling of pasteurised breast milk.

There is no additional operational cost and only a marginal increase in the cost of the containers. There is a one off capital cost for the STERIFEED Induction Sealer.



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# Induction Cap Sealer



## Specification

<b>Time</b>	Heat cycle is 2 seconds, with an additional 1 seconds delay before start of next cycle. Seal time = 1.0 - seconds
<b>Ready (Green Light)</b>	Indicates equipment ready to seal, remains (Green Light) off during disabled period. When the green ready light comes on there is a momentary beep.
<b>Power</b>	Adjust to prevent the power level 1 in the work coil. Setting 3.
<b>Fault (Yellow)</b>	This signal indicates overload of the output or over-heat of the generator or internal fault, and self resetting about 5 seconds after fault is cleared.
<b>Coil</b>	5 Pin socket is for output power lead to work coil and for start button connection.
<b>Mains</b>	Electrical supply input - 230V + 5% - 10% 50-60Hz Fuse: 3.15 Amp
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## Description

This equipment is intended to seal metal foiled waddings inside capped containers. Heating takes place in the metal foil and conducts heat to its plastic coating and subsequently to the container material to melt and fuse. Pressure is normally applied to the joint by means of the torque exerted by the screwed cap and it is obviously essential that the foil coating is compatible with the particular material.

The package consists of 2 units comprising of the Induction Heating Generator and Hand Applicator. The equipment is intended for low speed production situations and, because normal water-cooling has been avoided utilisation of the generator and work coil had been deliberately restricted to avoid overheating.

To prepare the equipment for use, plug-in the appropriate hand applicator and then connect the supply lead to single-phase mains socket. The unit should now display the green 'Ready' and thus be O.K. for sealing.

Power level and time cycles are adjusted on the Induction Heater Control Panel but, as a general rule, it is preferable to start with settings low to avoid burning of the foil membrane in the cap.

Alternative applications are available for different sized caps, but different location rings can be utilised to centralise smaller closures within the existing design.

## Safety

The coil inside the Head Applicator is covered by double insulation, but is not waterproof. Do not use the Hand Applicator in a wet environment to avoid shock hazard.

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