



# SteriFeed

Caring for your baby

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## PRODUCT SPECIFICATION

PROD. CODE	STANDARD NAME
S90/USB	Infant Feed Pasteuriser
<b>Description &amp; Purpose:</b> S1	Pasteurisation is the established method of treating feeds, including mother's milk, formula feeds and special diets to give satisfactory, quality controlled, feed preserving, full nutritional values with an extended shelf life. Used in special care baby units, feed preparation, milk kitchens and paediatric units.
<b>General Features:</b> S10 S2 S11	<p>Dual programme selection to give specified temperature and times which are normally:</p> <p>62.5°C (+/-0.5°C) x 30 minutes (+ 5minutes/ -0minutes) for mother's milk. 67.0°C (+1°C -0°C) x 4 minutes (+4minutes/-0minutes) for special feeds.</p> <p>Bottles warmer cycle: Program setting 37°C +/-1°C</p> <p>Rapid, precise refrigerated cooling of feeds from 62.0 to 25 C within 12 minutes with final cooling to less than 4°C in under 60 minutes. Cycle should finish at 4°C (tolerance +10min)</p> <p>Total cycle time is around 120 minutes on cycle 1 (mother's milk). This will depend on the temperature of the incoming hot &amp; cold water supply and ambient temperature on site of installation.</p>
<b>Process Verification:</b> S4	Combined PLC/HMI Unitronics Programmable Controller with built in data logger for up load on to an USB stick for downloading on to your PC. The pasteuriser displays a Pass/Fail screen at the end of the Cycle. S13
<b>Alarms:</b>	Audible and visual alarm for any variations from operational to fault alarms.
<b>Diagnostics:</b>	Downloadable diagnostics to aid trouble shooting when required.
<b>Bottles:</b> S3 S8	<p>Feeding bottles are submerged during the heating cycle to ensure milk droplets in the neck and cap area receive the same precise treatment as the bulk of the feed.</p> <p>Bottles are not submerged during cooling minimizing any possible dilution from aerosol of cooling water when a vacuum occurs.</p> <p>The program has to accommodate the following bottles 100ml, 130ml, 250ml. 50ml with corresponding baskets.</p>
<b>Test Specification</b>	2 Cycles that pass in succession of each size bottle (130ml and 250ml) on breast milk cycle unless otherwise specified.

<b>Specifications:</b>	No residue water traps eliminating equipment sterilization cycle.	
	Ambient temp:	15°C min to 25°C max
	Max hot water temp:	55°C
	Max cold water temp:	20°C
	Dimensions / mm:	706D X 605W X 964H
	Weight:	135kgs
	Chamber / mm:	400W X 400L X 250H
<b>S6</b>	<b>Electrical:</b>	230V (+/- 5%) 1Ph/ 50 Hz(+/- 5%) 2000 Watts 9.2FLA
	Electrical Consumption:	2.12 kWh
	Electrical cable:	2.5m cable with standard UK 13A plug
	Standards:	BSEN 60204-1:2018 BSEN 378-2:2016, BS EN 61000-6-3:2021 & BS EN 61000-6-1:2019
	CE directives:	2014/35/EU The Low Voltage Directive 2014/30/EU The Electromagnetic Compatibility Directive 2014/68/EU Pressure Equipment Directive
	UKCA Directives	SI 2016 No 1105 Pressure Equipment Directive: In accordance with the conformity assessment Module 'Sound Engineering Practice' SI 2016 No 1101, Low Voltage Directive SI 2026 No 1091, Electromagnetic Compatibility Directive
<b>S7</b>	<b>Bottle Capacity:</b>	36 x 130ml = 4.7litres per cycle <i>or</i> 36 x 250ml = 9litres per cycle <i>or</i> 36 x 100ml = 3.6 litres per cycle <i>or</i> 72 x 100ml = 7.2litres (if foil seal bottles are used with double basket) <i>or</i> 72 x 130ml = 9litres (if foil seal bottles are used with double basket) <i>or</i> 96 x 50ml = 4.8litres (if foil seal bottles are used with double basket)
<b>S5</b>	<b>Construction:</b>	Stainless Steel 304 grade
	Water consumption:	85 litres
	Power consumption:	2.12kWh
	Noise Level:	60 dBA @ 1m
	Heat output during cooling:	2.772 kWh
	Crated Weight:	210kgs

	Crate Size:	74cm x 100cm x 160cm
<b>Water Connections:</b>	Hot & Cold Water:	Flexible Aquavend 2.5m Hoses with Standard 3/4" Fitting
	Mains Water Pressure:	From 34.5kN/m <sup>2</sup> (5lb/in <sup>2</sup> ) to 1034.2kN/m <sup>2</sup> (150lb/in <sup>2</sup> )
	Unit operating Pressure:	Standard Atmospheric Pressure (Open System)
	Drain:	1.5m Flexible Hose ( to run into open topped drain)

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