



 **LITTLE sister**
SES 3000B

INTRODUCING THE NEW LITTLE SISTER SES 3000B

**The next step in the evolution
of our world-class autoclaves**

 **ESCHMANN IS EVOLVING**

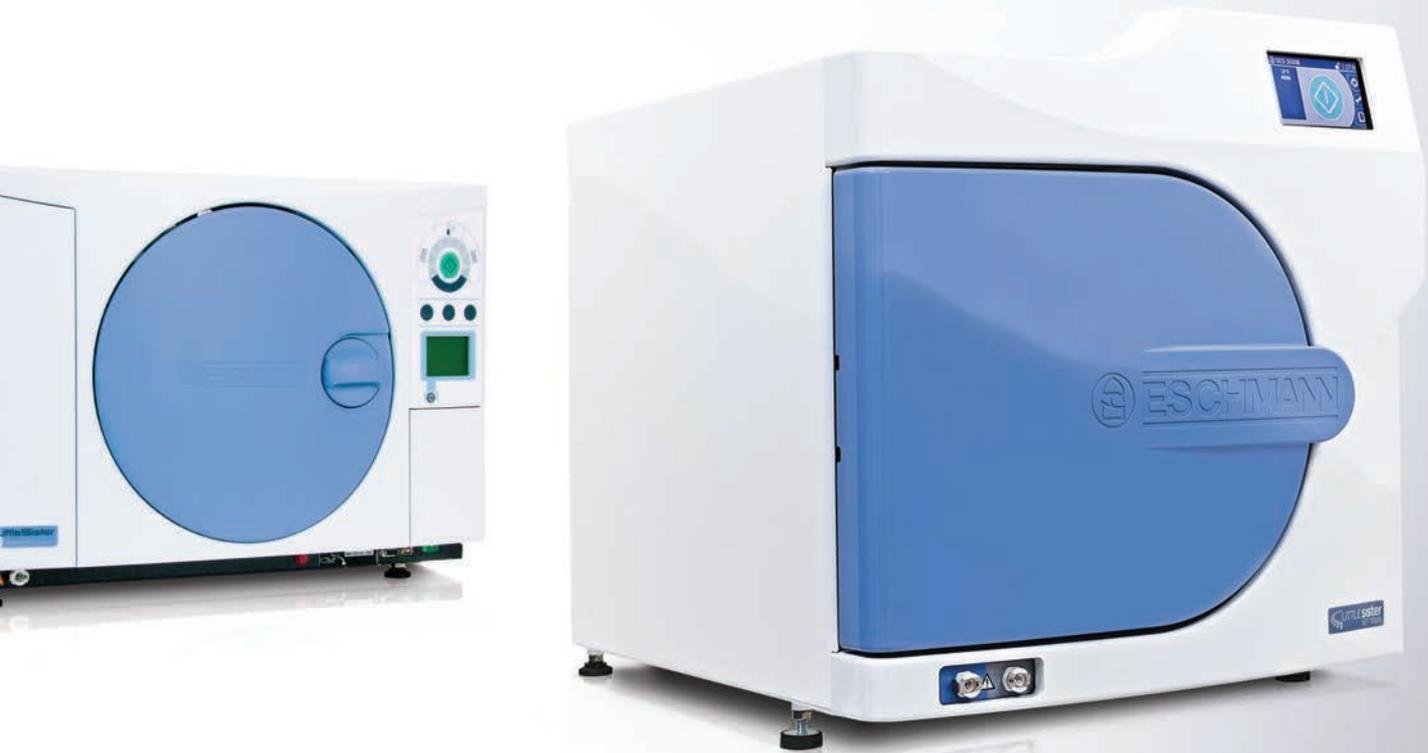
TO STAND STILL IS TO BECOME EXTINCT

For over six decades we've strived to improve our market leading autoclaves, never failing to make them better. Our extensive expertise in autoclave design and manufacturing ensures we continually move forward, providing you with products that offer exemplary standards in safe, robust and affordable technology.



THE NEXT STEP HAS BEEN TAKEN

By building on this wealth of experience and focusing heavily on the tried and tested principles that are most important to the clinician, the next generation of Eschmann's renowned Little Sister autoclave, the SES 3000B, will be the first vacuum autoclave you will be able to truly rely on with complete confidence.





At Eschmann we always endeavour to meet the needs of our customers who demand products that are simple and safe to use, are robust, reliable and affordable to buy and to own; a fact that is evident by the success we have enjoyed over many years with autoclaves like our SES Merlin, SES 2000 and Little Sister ranges.

YOUR LITTLE SISTER SES 3000B AT A GLANCE

- ▶ Designed with **safety** as a priority
 - ▶ Designed to save **time** and **money**
 - ▶ Designed to deliver consistently reliable levels of **performance**
 - ▶ Designed to provide an **efficient** service
 - ▶ Designed to be **easy** to use
-









**A SAFE, ROBUST AND
AFFORDABLE AUTOCLAVE TO
HELP YOU RUN AN EFFICIENT
AND EFFECTIVE SERVICE ▶**



▶ Performance, delivered reliably



- ▶ A touch screen that is simple and intuitive, even for the most inexperienced user
- ▶ Cycle times optimised to the size of the load
- ▶ A choice of vacuum and non-vacuum cycles



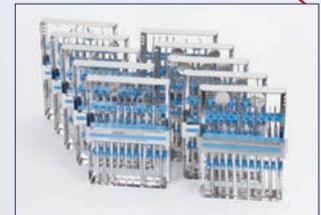
- ▶ Reservoir drain points are easily accessible, with optional direct drain functionality



- ▶ A secure, motorised door lock that guarantees chamber integrity



- ▶ A 17 litre/250mm dia. chamber with 5kg instrument capacity



- ▶ Large enough to process ten instrument trays at a time

▶ Safety, you can rely on



- ▶ Unique post sterilisation air detection guarantees sterility



- ▶ User password protection ensures correct cycle verification



- ▶ Easy clean surfaces meet the highest standard of cross infection control



- ▶ Water quality is monitored to prolong the life of the autoclave



- ▶ Integral data download via USB for essential cycle record management

▶ Affordability, to meet your budget



- ▶ A 'B' type autoclave that is affordable to buy and to own
- ▶ User replaceable filters and seals will save you time and money on vital maintenance

- ▶ Service friendly design to minimise disruption to your Practice

- ▶ Attractive finance options allow you to spread the cost of ownership



- ▶ Eschmann's comprehensive CARE&COVER protection makes the difference, offering lifetime peace of mind



TECHNICAL DATA

MAXIMUM LOADS

Maximum load per tray, pouch rack or cassette	1.5kg
Maximum load for the porous load basket	1.0kg
Maximum weight per item	1.5kg
Maximum total load <i>One implant kit per cycle (single wrapped only)</i>	5kg

WATER AND RESERVOIR

Fresh Water Reservoir capacity	3800ml (max)
Waste Water Reservoir capacity	4400ml (max)
Minimum initial fill	1200ml (approx)
Volume used per cycle	600ml (max) for 'B' type cycle, full load
Water Quality	Distilled water Deionised water Sterile water Reverse Osmosis water

STERILISING DATA

Sterilising Period	3 minutes 20 seconds at 134/137°C Note: Upon request, an Eschmann trained engineer can increase the sterilisation times up to a maximum of 30 min.
Drying Time (approximate)	134°C 'B' type cycle: 16 min.
Test Cycle Times	T1 – 20 min. T2 – 15 min. T3 – 20 min.
Operating Pressure	301.8kPa at 134°C 338.8kPa at 137°C

CYCLE TIMES

Optimised cycle times, dependent on type and composition of load	'B' Type cycles from 33 min. (with drying)
	'N' type cycles from 24 min. (with drying)
	Option to disable drying available on all cycles

DIMENSIONS AND WEIGHT

Depth	540mm
Width	500mm
Height	500/460mm
Weight (empty)	40kg



CYCLE COMPLIANCE CHART

In accordance with EN 13060 the relevant type tests for the listed 'B' type and 'N' type cycles are:

Type Tests	Sterilisation Cycle Type and Cycle Number	
	'B' Type Cycle	'N' Type Cycle
Dynamic steriliser chamber pressure	✓	✓
Air leakage	✓	✓
Empty chamber	✓	✓
Solid load	✓	✓
Small porous load	✓	
Full porous load	✓	
Hollow load 'A'	✓	
Dryness, solid load	✓	
Dryness, porous load	✓	
Non-condensable gases		✓

LOAD CHART

	Sterilisation Cycles		Test Cycles	
	'B' Universal 134	'N' Universal 134	T3	T1
Sterilisation Temperature	134-137°C	134-137°C	134-137°C	-
Sterilisation Pressure	301-339kPa	301-339kPa	301-339kPa	17kPa
Duration of plateau phase	3min.20secs	3min.20secs	3min.20secs	10min.
Duration of drying phase (full load)	18min.	18min.	-	-
Total Cycle Duration (includes drying time)	empty: 33min. full load: 50min.	empty: 24min. full load: 41min.	20min.	20min.
LOAD TYPE	Full solid (probes, tweezers, burrs...)	YES	YES	
	Small porous items (gauze, cotton...)	YES	NO	
	Full porous (80% of the usable space)	YES	NO	
	Hollow A (hand pieces, forceps, scissors)	YES	NO	
	Hollow B (vacuum tips...)	YES	NO	
	Unwrapped, bagged, single/double wrapped	YES	NO	
MAXIMUM LOAD Weight Limits	5kg solid items / 1kg porous items			

TAKE THE NEXT STEP IN OUR EVOLUTION TALK TO ESCHMANN

VISIT: www.SES3000B.com
CALL: 01903 875 787

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