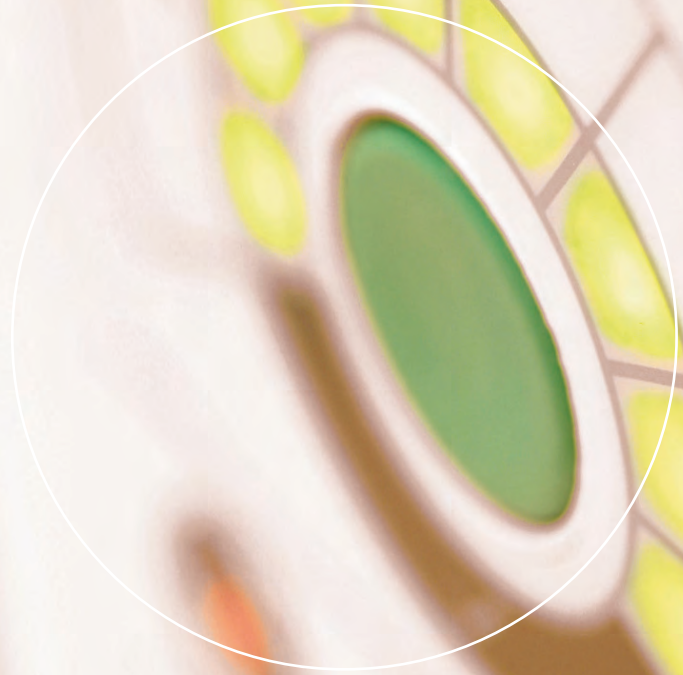




SESautoclave



B type & N type autoclaves

INNOVATION
TECHNOLOGY
CONFIDENCE

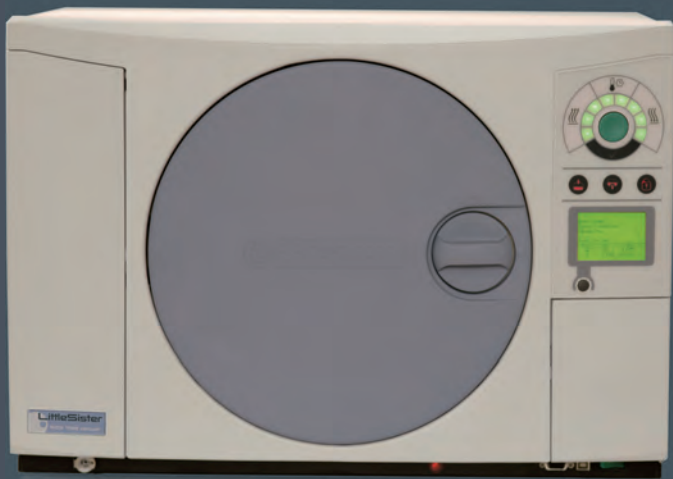




SES autoclave

THERE ARE STILL SOME THINGS IN LIFE YOU CAN TRULY RELY ON

Like Eschmann's new and innovative SES Autoclave. In terms of quality and reliability, Eschmann autoclaves are acknowledged as second to none - the very best in medical engineering technology for over 100 years.



Through a well-established, trusted relationship with dentists, general practitioners and leading healthcare professionals, we have maintained an unrivalled record of development and innovation resulting in a world class and constantly expanding range.

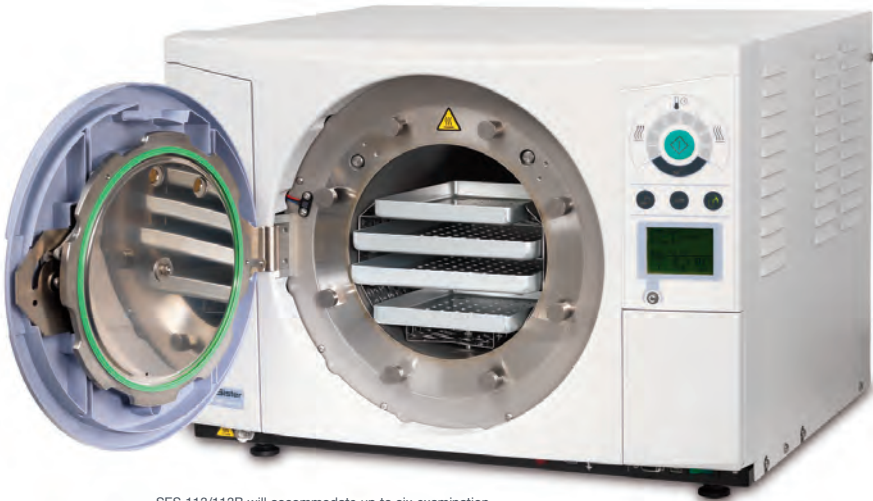
Whilst building on its past heritage and reputation, the new SES Autoclave incorporates the latest innovations and technology allowing you to meet all current and future guidelines, including the latest European standard BS EN13060.

The new SES Autoclave provides the market leading performance and total confidence that only a world leader in instrument sterilization can offer.



SES 113/113B

VACUUM AND NON-VACUUM AUTOCLAVES



SES 113/113B will accommodate up to six examination trays as shown, or alternatively, two examination trays and two standard trays.

The same configurations of HFiT cassettes may also be accommodated.

Actual furniture is dependant on model.

- 11 litre, six tray or HFiT10 capacity*
*when using 'examination' trays or HFiT10 cassettes
- B Type Vacuum model with rapid non-vacuum cycles
- N Type Non-vacuum model
- One touch operation
- Self checking cycles
- Twin water reservoirs provide clean steam every cycle
- Direct drain option
- Direct Data Download to PC
- Integral Printer option
- BS EN13060 compliant

SES 225B

VACUUM AUTOCLAVE



SES 225B will accommodate up to 15 examination trays as shown, or alternatively, five examination trays and five standard trays.

The same configurations of HFiT cassettes may also be accommodated.

Actual furniture is dependant on model.

- 22 litre, 15 tray or HFiT10 capacity*
*when using 'examination' trays or HFiT10 cassettes
- **Large chamber capacity is ideally suited for multi-chair surgeries**
- B Type Vacuum model with rapid non-vacuum cycles
- One touch operation
- Self checking cycles
- Twin water reservoirs provide clean steam every cycle
- Direct drain option
- Direct Data Download to PC
- Integral Printer option
- BS EN13060 compliant



ADVANCED STERILIZATION MADE SAFE AND SIMPLE

From the infallible self-checking control and monitoring system to the intuitive one-touch operation and reassuringly simple door mechanism, every detail of the latest SES autoclave has been designed to meet the requirements of today's demanding clinical environment.

1 UNIQUE, SELF-CHECKING CYCLE VERIFICATION

Dual systems for independent cycle control and monitoring enable the SES autoclave to constantly check the performance parameters of every cycle, detecting any discrepancies, interrupting the cycle immediately.

Independent air detection tests vacuum integrity, ensuring each cycle has performed to specification, time after time.

2 ADVANCED WATER SYSTEM

An easy-clean, twin reservoir system, cleverly ensures clean steam is always delivered. The system removes the risk of the fresh water reservoir being contaminated.

Less than 350ml of water is used for each cycle, making the unit fast, efficient and economical.

Additionally, a direct drain option (no manual emptying of the waste reservoir) is available.

3 DELIVERING PERFORMANCE WHEN IT REALLY COUNTS

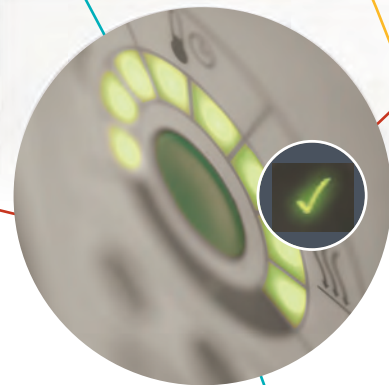
Rapid An average of 18 B type vacuum cycles or 32 N type non-vacuum cycles can be performed daily.*

Capacity Intelligent furniture configurations – standard and examination size trays or Hands-Free instrument Transfer (HFIT) cassettes – provide an intuitive, flexible approach.

Up to 15 individual 'examination' tray sets can be processed every cycle.**

Economic More instruments per cycle = less cycles = better performance = cost savings.

*Non-vacuum cycles without drying for solid instruments. B Type vacuum cycles without drying for unwrapped solid or hollow instruments. Based on an average eight hour working day. **SES225B vacuum. SES113/113B vacuum can process up to six individual examination sets in one cycle





ONE-TOUCH SIMPLICITY

This elegant, one button – one touch design removes any risk of the user selecting an incorrect cycle for the type of load being processed.

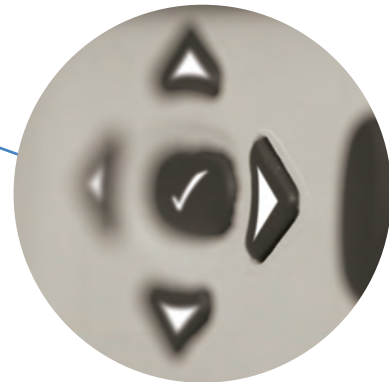
A safe, simple approach, helping meet guideline requirements.



CYCLE SECURE SYSTEM

PIN protection for advanced cycle options can be activated to provide additional security ensuring only those cycles that are needed are available to the user.

Additional cycles accessible by the appropriately trained manager, helping prevent accidental misuse by busy surgery personnel.



DIRECT DATA DOWNLOAD TECHNOLOGY

Data for every cycle is recorded and stored for up to 24 months on internal ROM memory.

Stored data can be downloaded direct to a PC or laptop as required. DDD application software is included as standard with all SES autoclaves.

Integral thermal printer available as an option – fits neatly into the autoclave – no separate, expensive modules required.

*Non-vacuum cycles without drying for solid instruments. B Type vacuum cycles without drying for unwrapped solid or hollow instruments. Based on an average eight hour working day. **SES225B vacuum. SES113/113B vacuum can process up to six individual examination sets in one cycle





SESautoclave

**OUTSTANDING DESIGN
INNOVATIVE TECHNOLOGY
SUPERIOR PERFORMANCE**

ESCHMANN INSTRUMENT MANAGEMENT

**A solution designed
for you**

Because it's faster, simpler and more accommodating than anything you've used before, the new Little Sister autoclave sits at the heart of your instrument decontamination strategy.

The new Eschmann instrument Management System (EiMS) brings the concept of effective instrument/patient management into your clinical environment with a choice of standard and examination sized, colour-coded components.

Helps you to develop 'patient pathways' that enhance the efficiency of your practice as well as conforming to the very latest decontamination protocols for instrument traceability.

HFiT cassettes

Innovative Hands-Free instrument Transfer cassettes significantly reduce the need for handling instruments from point of use through automated cleaning, disinfection and sterilization.

**Greater Options
Enhanced Flexibility**



**The new
SESautoclave**

**Developed to ensure your
clinical, regulatory and
professional requirements
for instrument sterilization
will be met, time after time.**

www.newsesautoclave.co.uk



SES specifications

Models	SES 113 Btype	SES 225 Btype	SES 113 Ntype
Types of Load	B Type Vacuum	B Type Vacuum	N Type Non-vacuum
Chamber Capacity	11 Litres	22 Litres	11 Litres
One Touch Operation	Yes	Yes	Yes
Cycle Secure System	Yes	Yes	Yes
Cycle Options	134°C B Type - with drying 134°C B Type - no drying 121°C B Type - with drying 121°C B Type - no drying 134°C N Type - with drying 134°C N Type - no drying 121°C N Type - with drying 121°C N Type - no drying	134°C B Type - with drying 134°C B Type - no drying 121°C B Type - with drying 121°C B Type - no drying 134°C N Type - with drying 134°C N Type - no drying 121°C N Type - with drying 121°C N Type - no drying	134°C N Type - with drying 134°C N Type - no drying 121°C N Type - with drying 121°C N Type - no drying
Types of Load	unwrapped solid and hollow pouched single wrapped double wrapped porous	unwrapped solid and hollow pouched single wrapped double wrapped porous	unwrapped solid
Cycle parameters – temp - time - pressure	134°C/3 min @ 3.2 bar 121°C/15 min @ 2.2 bar	134°C/3 min @ 3.2 bar 121°C/15 min @ 2.2 bar	134°C/3 min @ 3.2 bar 121°C/15 min @ 2.2 bar
Cycle Control & Monitoring Systems	Yes - Independent	Yes - Independent	Yes - Independent
Air Detection	Yes	Yes	n/a
Direct Data Download	Yes - included as standard	Yes - included as standard	Yes - included as standard
Integral Thermal Printer	Optional	Optional	Optional
Instrument Management System	Yes	Yes	Yes
Tray/HFiT cassette capacity			
'Standard' (a) & 'Examination' (b) sizes	2+2	5+5	2+2
'Examination' (b) sizes	6	15	6
Pouch Rack	1	1	0
Porous Load Basket	1	1	0
Max load weight (non porous load)	3kg	6kg	3kg
Challenge Tests	Helix & Bowie Dick Tests	Helix & Bowie Dick Tests	TST strips
Water reservoir capacities	3.4L	3.4L	3.4L
Working capacity	8 cycles	8 cycles	8 cycles
Biological air filter	Yes	Yes	n/a
Overall Dimensions - l/w/h (mm's)	520 x 580 x 430	580 x 580 x 430	520 x 580 x 430
Chamber Dimensions - d/l - (mm's)	200 x 345	257 x 451	200 x 345
Weight (kgs)	39	46	37.5
Voltage	230v ±10%	230v ±10%	230v ±10%
Wattage	2kw	2kw	2kw
Frequency	50Hz	50Hz	50Hz

The new SES Autoclave has been meticulously designed and manufactured according to the following standards – your assurance of complete peace of mind and total confidence.

Manufactured in the United Kingdom to:
The European Sterilizer Standard – BS EN13060:2004
BS EN 61010-1
BS EN 61010-2-041
CE marked to the Medical Device Directive – (MDD) 93/42/EEC
Pressure Equipment Directive – (PED/97/23/EEC)
EMC standard EN 61326:1998
Draft EN ISO 17665
EN 980:2000
BS EN 1041:1998

Patents pending.
EU Registered Design 000525951

The new
SESautoclave
is marketed in the
United Kingdom
as the
LittleSister

www.eschmann.co.uk

INNOVATION. TECHNOLOGY. CONFIDENCE



ESCHMANN

Eschmann Holdings Ltd, Peter Road, Lancing, West Sussex, BN15 8TJ.

The 'Eschmann' name and logo, 'Eschmann', 'SES', 'EIMS', 'HFIT', 'Eschmann Infection Control', and 'Little Sister' name and logo are trade marks of Eschmann Holdings Ltd. 'Eschmann Equipment' is a trading name of Eschmann Holdings Ltd.

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Tel: 01903 753322

Fax: 01903 875789

www.eschmann.co.uk