

USE:


For the sterilization of unwrapped instruments, wrapped and porous loads and narrow lumen items.
Users should refer to device manufacturer's instruction for sterilization, MDA DB 2000 (05) and conduct performance qualification test for each type of load to be processed.

INSTRUMENTATION:

Vacuum fluorescent alphanumeric display provides machine status, cycle status and cycle parameter.

SAFETY:

Pressure safety valve, door safety catch, error/warning display, overheat protection with warning indicator, door interlock switch, pressure door lock, chamber pressure safety indicator, solenoid door bolt.

 All Eschmann Equipment Autoclaves carry the CE mark, indicating compliance with Council Directive 93/42/EEC of 14th June, 1993, concerning medical devices.

DISCOVER THE MEANING OF SERVICE. DISCOVER  ESCHMANN

Eschmann are renowned for the quality of their service support, with the largest network of autoclave service engineers in the UK. You will be offered range of options that suit you, your practice, making your life easier, and keeping your business running smoothly.

PURCHASE THE RIGHT AUTOCLAVE AND GUARANTEE PERFECTION IN STERILIZATION.

For over 30 years SES & Little Sister have led the field in high quality autoclaves. We continually strive to employ the best technology available and recognise this journey may never end. And so our search goes on to ensure we always provide you with the best solution to your sterilization needs and an after sales service that is second to none.

DISTRIBUTOR

		VACUUM SHORT	VACUUM LONG
SIZE:	Overall:	46cm W x 65cm L x 36cm H	46cm W x 65cm L x 36cm H
	Chamber:	20cm diameter x 35cm max	20cm diameter x 50cm max
	Trays:	18cm W x 28cm L	18cm W x 45cm L
	Tray Loading:	1.5kg per tray solid instruments	3.5kg per tray solid instruments
	Total Load:	6kg per cycle	7kg per cycle
WEIGHT:	Nett:	46kg	53kg
	Shipping:	50kg	58kg
CONSTRUCTION:	Chamber:	Stainless steel	Stainless steel
	Chamber Capacity:	11 litres	16 litres
	Reservoir Capacity:	3.5 litres	3.5 litres
	Trays:	Aluminium	Stainless steel
	Door:	Stainless steel	Stainless steel
	Design Pressure:	262kPa Gauge	262kPa Gauge
STERILIZING:	Sterilizing time @ 134°C:	3 minutes	3 minutes
	Sterilizing time @ 121°C:	15 minutes	15 minutes
	Number of Programmes	8	8
	Typical Overall Cycle Times at 134°C: (D indicates vacuum drying)	Unwrapped: 18 mins Unwrapped: 28 mins (D) Single Wrapped: 44 mins (D) Porous: 55 mins (D)	Unwrapped: 18 mins Unwrapped: 28 mins (D) Single Wrapped: 44 mins (D) Porous: 55 mins (D)
	Note: Overall Cycle Times may vary depending on machine and loading conditions.		
	Operating Pressure:	137°C: 232kPa (2.32 bar) 134°C: 205kPa (2.05 bar) 124°C: 125kPa (1.25 bar) 121°C: 105kPa (1.05 bar)	232kPa (2.32 bar) 205kPa (2.05 bar) 125kPa (1.25 bar) 105kPa (1.05 bar)
ELECTRICAL:	Supply:	230V a.c. 50/60Hz	230V a.c. 50/60Hz
	Loading:	1.8kW @ 8.0A	2.5kW @ 10A
CATALOGUE NO:	English with printer:	87-023-15	87-023-63
ACCESSORIES:	Pouch Rack:	87-040-66	87-040-66
	Porous Load Basket:	87-040-10	87-040-12
	Bowie & Dick Test Packs (x10):	87-043-05	87-043-05
	Pouches (90mm x 230mm)	87-033-10	87-033-10
	Pouches (133mm x 254mm)	87-033-18	87-033-18
	Pouches (190mm x 330mm)	87-033-29	87-033-29
	Tray:	87-040-07	87-040-19
	Tray lifter:	87-040-90	87-040-90

DISCOVER NEW INNOVATION. NEW TECHNOLOGY. DISCOVER  ESCHMANN

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DISCOVER WHY THERE'S A SAFER FUTURE WITH THE LITTLE SISTER 3 VACUUM AUTOCLAVE



Little Sister 3 vacuum guarantees rapid sterilization for all healthcare professionals

The SES range includes 3 types of benchtop autoclaves. This chart shows the different load types you might have.

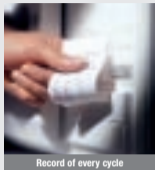
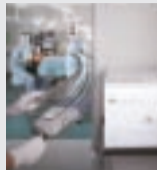
Type N. Little Sister 5, SES 2000 and Little Sister 3. Intended only for solid, unwrapped items and devices.

Type B. Little Sister 3 vacuum. Intended for hollow devices, either wrapped or unwrapped, wrapped solid devices and porous loads.

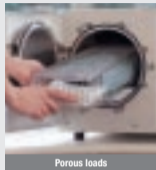
Type S. Little Sister 5 vacuum. Intended for specified loads.

Note: Load types as defined in MDA DB 2000 (05)

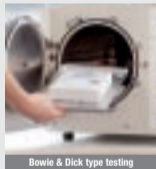
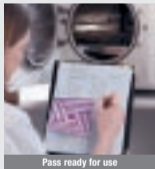
TYPE OF LOAD	SES 2000	LS3	LS3 Vac	LS5	LS5 Vac
Total weight of instruments 6kgs	✓	✓	✓	✓	✓
Total weight of instruments 8kgs				✓	✓
Heat sensitive instruments	✓	✓	✓	✓	✓
Solid instrument for immediate use	✓	✓	✓	✓	✓
Kidney bowls and gallipots	✓	✓	✓	✓	✓
Solid instruments for aseptic storage			✓	✓	✓
Hollow/cannula instruments			✓		✓
Single wrapped pouched instruments			✓		✓
Single wrapped cassettes			✓		✓
Single wrapped hollow instruments			✓		✓
Double wrapped instruments			✓		
Double wrapped hollow instruments			✓		
Porous loads			✓		



Record of every cycle



Porous loads



Wrapped hollow instruments

Pass ready for use

Bowie & Dick type testing

SAFE

Autoclaves are widely acknowledged as the best way to sterilize equipment and instruments efficiently and effectively and achieve a standard of sterilization that cannot be equalled. The risks of contamination and possible cross-infection resulting from trapped air are eliminated with confidence. In the fight against the transmission of Hepatitis B and HIV, the Little Sister 3 vacuum is a potential life saver too.

VERSATILE

The Little Sister 3 vacuum is unusually versatile. It can cope with everything from an unwrapped instrument to porous items such as towels and drapes and will satisfy all the sterilization requirements of a busy dental or medical practice. The Little Sister 3 vacuum gives you greater control over your sterilization procedures with a method which is cost effective.

REASSURANCE

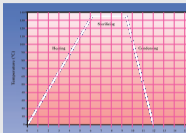
The Little Sister 3 vacuum autoclave has a printer which enables a permanent record of each procedure to be kept. This means a reassurance for both you and your patient.

CONVENIENT

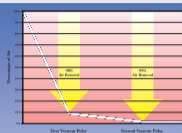
As a benchtop model, the Little Sister 3 vacuum offers a very convenient method of sterilization. It combines the benefits of a large scale porous load autoclave with the ease, convenience and price of a compact benchtop unit.

EASY TO OPERATE

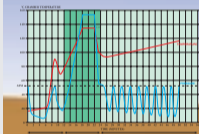
Hygienic 'touch panel' controls activate a choice of cycles provided by the Little Sister 3 vacuum. Select the appropriate temperature option for the load type, and with one touch it's in operation. Temperature options 121°C and 134°C, standard cycle for unwrapped instruments is 18 minutes (without drying). Effective compact benchtop design fits most surgery layouts.



4 cycles per hour including condensing with excellent balance between loads & speed. This allows up to 16 trays & 24kgs per hour.



Fractionated vacuum. Pulse 1 removes 90% of the air. Pulse 2 removes 90% of the remaining air.



Fractionated vacuum cycle. This graph illustrates a typical twin pulse cycle.

