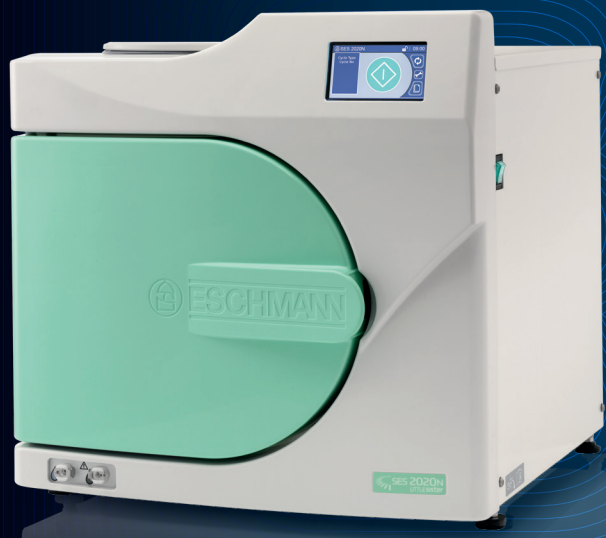
Ingenuity in
infection control
since 1830

ESCHMANN



Little Sister SES 2020N Non-vacuum Autoclave.

Little Sister SES 2020N

Designed & Made by Eschmann

Little Sister SES 2020N

Non-vacuum Autoclave

The Little Sister SES 2020N has been designed to meet the needs of the healthcare professional, building on Eschmann's unrivalled reputation for quality and performance gained from over 60 years of autoclave design and manufacturing.

One-touch operation, 17 litre capacity and fast cycles ensures the Little Sister SES 2020N meets the needs of a busy healthcare facility.

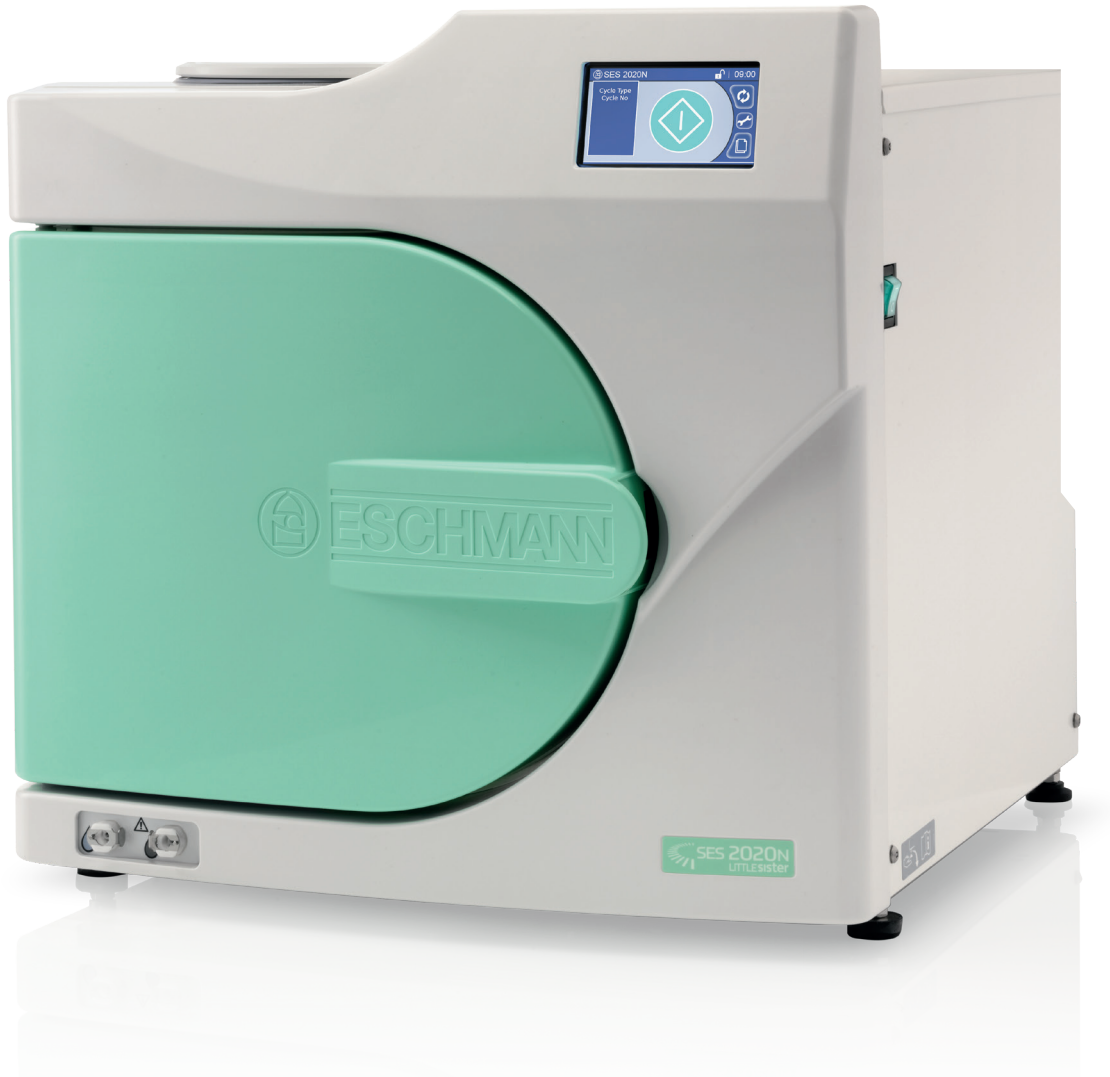
Capacity
The Little Sister SES 2020N 17 litre chamber accommodates 5 x standard trays (28 cm x 18 cm), helping to improve productivity and reduce the strain on your staff.

Performance
Rapid cycles with active drying ensures that all processing of instruments takes place within the sterile chamber - no need to manually or air dry instruments in what is a non-sterile environment.

Eco Friendly
The LIttle Sister SES 2020N features optimised drying meaning that it adapts to the weight of the load. This helps to ensure energy efficiency, saving your practice money whilst being kinder to the environment.

Reliability
Minimising 'downtime' that can effect the smooth and efficient running of your practice is paramount. With the Little Sister SES 2020N you can be assured of an unrivalled reputation for reliability.

Care & Cover
All our Eschmann autoclaves supplied in the UK can be combined with the benefits of Care & Cover service protection. Our team of Eschmann engineers, covering the whole of the UK, provide an unrivalled level of professional support helping to maintain your infection control equipment.



1

Colour Touchscreen

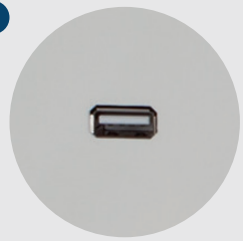
- A touchscreen that is simple and intuitive, ensuring the Little Sister SES 2020N is easy to use.
- For convenience, the display shows cycle progress and when the door seal and air filter need to be replaced.

2

Easily accessible drain points

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

3



USB Cycle Record Download

- Integral data download via USB for essential cycle record management, ensuring compliance to relevant guidance.
- Option to connect an external cycle record printer.
- Option to upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management.

Accessories available:

A

B

C

D

A **MyEschmann Hub with MyEschmann Cloud cycle data management**
Part number: 8749020

B **Essential TST (for N type non-vacuum cycle) x250**
Part number: 8793547

C **Standard Tray (28 cm x 18 cm) Aluminium**
Part number: 872445x

Examination Tray (14 cm x 18 cm) Aluminium
Part number: 872446x

Trays: Add last digit for: Silver -1; Blue -2; Red -3; Green -4; Yellow -5; Turquoise -6

D **HFiT (Hands Free instrument Transfer) PLUS Cassettes**

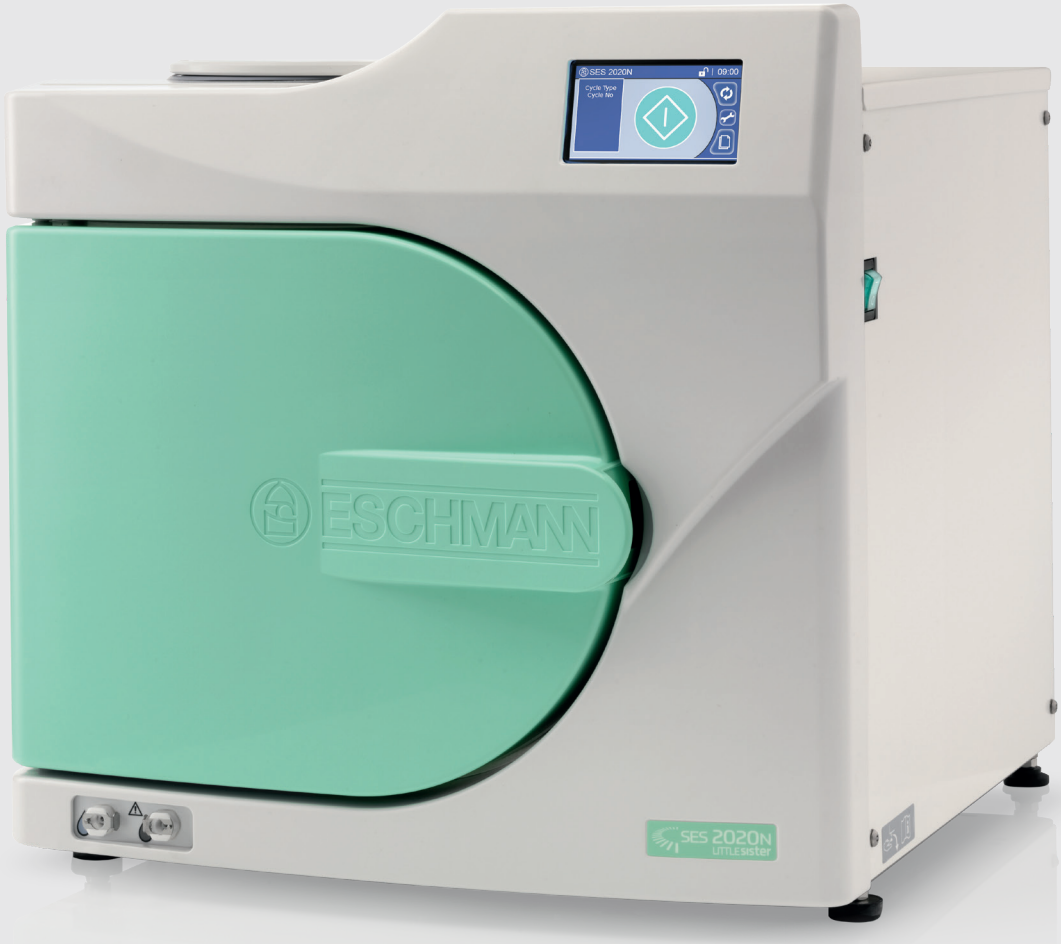
HFiT-5 Part number: 872282x
HFiT-10 Part number: 872282x
HFiT-15 Part number: 872282x

HFiTs: Add last digit for: Blue -2; Red -3; Green -4; Yellow -5; Silver -6; White -7

Load chart

	Sterilisation cycles	
	N121	**N134**
Sterilisation Temperature	121 - 124°C	134 - 137°C
Sterilisation Pressure	204 - 224 kPa	303 - 331 kPa
Duration of plateau phase	15 mins.	3 mins 20 secs
Duration of drying phase	Economy 10 mins. Standard 20 mins. Extended 30 mins.	Economy 10 mins. Standard 20 mins. Extended 30 mins.
Total cycle duration (excludes drying time)	Empty: 32 mins. Full load: 40 mins. Full load, cold machine: 46 mins.	Empty: 12 mins. Full load: 19 mins. Full load, cold machine: 29 mins
Load type: Solid loads only	YES	YES
Maximum load weight limits:	5 kg solid items	

Please note: all cycle/drying times are dependent on type, composition of load and conditions.



Reverse Osmosis (RO) Water System including UV light for the Little Sister SES 2020N

Efficient RO system provides an on demand source of high quality, purified water for use within the practice.

The Eschmann RO system fits neatly and discretely into any available cupboard space.

Simple connection to a mains cold water supply and easy to replace filters.

WRAS Compliant backflow protection.

Medical grade DIRM filters and UV light for all water types.

Choice of dispensing systems for easy fill of autoclaves and other equipment.

Connects to mains power supply.

Product No. 8785154UVCSHW

Little Sister SES 2020N
Non-vacuum Autoclave

Technical Specification

Cycle Information	
Autoclave Type	'N' Type (Non-vacuum)
Cycle times (dependent on type, composition of load and conditions)	'N' type cycles from 14 mins (without drying)
Load Type	Suitable for solid unwrapped instruments

Sterilising Data	
Sterilising time	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 mins.
Drying time (dependent on type, composition of load and conditions)	134°C 'N' type cycle: 10/20/30 minutes 121°C 'N' type cycle: 10/20/30 minutes
Operating pressure	303.1 kPa at 134°C, 330.7 kPa at 137°C 204.2 kPa at 121°C, 224.3 kPa at 124°C

Water and Reservoir	
Fresh Water Reservoir capacity	3800 ml (max)
Waste Water Reservoir capacity	4400 ml (max)
Minimum initial fill	1200 ml (approx)
Volume used per cycle	700 ml (max) for 'N' type cycle, full load
Water Quality	All Eschmann Autoclaves require water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 7PPM/15µs

Dimensions and Weights	
Chamber Volume	17 Litres
Chamber Dimensions	250 mm (diameter) x 350 mm (depth)
External Dimensions (D X W X H)	540 mm (d) x 500 mm (w) x 500 mm (h)
Shipping Dimensions D X W X H)	700 mm (d) x 680 mm (w) x 620 mm (h)
Weight (empty)	40 kg
Gross Weight (incl. shipping carton)	46 kg

Power Supply	
Supply Voltage	230V (±10%) or 220V (-6%, +15%), 50/60 Hz

Standards Compliance

All Eschmann autoclaves are UKCA marked and comply with:

BS EN ISO 15223-1
BS EN ISO 20417
BS EN 13060
BS EN ISO 14971
BS EN 61326
BS EN 62366
BS EN 13445
BS EN 61010-1 & BS EN 61010-2-040

Ordering Information

Product No.	Product Description
8792020*	Little Sister SES 2020N Non-Vacuum Autoclave
8749020	MyEschmann Hub (Kit for SES 3000B/3020B/2020N & SES 2010 TS)
8721367	Thermal Printer
8785154UVCSHW	RO Water System including UV Light
8793547	Essential TST (for N type non-vacuum cycle) x250
Trays: Add last digit for: Silver -1; Blue -2; Red -3; Green -4; Yellow -5; Turquoise -6	
872445x	Standard Tray (28 cm x 18 cm) Aluminium
872446x	Examination Tray (14 cm x 18 cm) Aluminium
HFiT PLUS Cassettes Add last digit for: Blue -2; Red -3; Green -4; Yellow -5; Silver -6; White -7	
872280x	HFiT-5 Compact Cassette
872281x	HFiT-10 Compact Cassette
872282x	HFiT-20 Compact Cassette

*Little Sister SES 2020N autoclaves include: Mains Lead, User Manual, USB stick with digital manuals, Wall Chart, Reservoir Drain Tube, Drain Plugs, Tray Carrier, Levelling Kit, Tray Lifter, 1 x Standard Tray (28 cm x 18 cm) and 1 x Examination Tray (14 cm x 18cm).

Optional extras: Connect an external cycle record printer.
Upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management.

UK CA 0086

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Ingenuity in infection control since 1830

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PSR_828_February_2025_Issue 7.0