

Ingenuity in
infection control
since 1830



EVA 23B
Vacuum
Autoclave
For the busy
animal
healthcare
facility.

EVA 23B

Exclusive
to Eschmann

EVA 23B

The EVA 23B is a 23 litre vacuum autoclave with one-touch operation and fast cycles, ensuring it meets the needs of a demanding animal healthcare facility.

Capacity

The EVA 23B has a 23 litre chamber which accommodates up to 5 x long trays (38 cm x 19 cm), enabling more instruments to be processed at one time.

Performance

Offering a choice of both 'N' and 'B' type cycles, the EVA 23B is able to accommodate every type of instrument and load.

Advanced Technology

The EVA 23B is equipped with a high performance vacuum pump to help with noise reduction during cycles.

The innovative pre-heat feature also ensures that cycle speeds are optimised, helping to improve practice efficiency.

Care & Cover

All autoclaves supported by Eschmann 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 Easily accessible fresh water reservoir with water quality sensor. Pure water is required to ensure the ongoing reliability of your autoclave.
- 2 Clear, LED display shows a dynamic graph of the whole sterilisation process, including hold times, temperature and pressure.
Display alerts the user when the fresh water reservoir is low, as well as specific error codes to help facilitate troubleshooting.
- 3 All operations are controlled with only 4 buttons, making the operation of the EVA 23B simple and effective.
- 4 Easily download each sterilisation cycle using the supplied short USB drive, which neatly fits under the maintenance door during use.
- 5 Accessible, straightforward twist release drainage ports.
- 6 Lightweight aluminium trays allow for enhanced heat conduction, improving efficiency of both sterilisation and drying.
- 7 Micro switch for the door locking system ensures that the cycle cannot be started if door is not closed correctly.
- 8 Electronic safety door lock ensures that the door remains shut and locked during the complete cycle.



Reverse Osmosis (RO) Water System including UV light for the EVA 23B Vacuum Autoclave

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

Accessories available:



Essential Helix Test (for B type vacuum cycle) x250
Part number: 8793436



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



Long Tray for EVA 23B
Part number: IC005905



Azo Alcohol Free Cleaning and Disinfectant Wipes Tub (200 wipes)
Part number: AM200WCE



Azo Alcohol Free Cleaning and Disinfectant Wipes Packet (50 wipes)
Part number: AM050WCE

EVA 23B

Technical Specification

Cycle Information

Autoclave Type	'B' Type (Vacuum)
Cycle times (dependent on type, composition of load and conditions)	'B' type cycles from 35 mins (without drying) 'N' type cycles from 25 mins (without drying) Note: pre-heat feature can speed up cycles by up to 15 mins
Load Type	Suitable for solid instruments or hollow loads, unwrapped & wrapped, and also porous loads

Sterilising Data

Sterilising time	4 minutes at 134°C/137°C 20 minutes at 121°C/124°C Note: Upon request, an Eschmann trained engineer can increase the sterilisation times up to a maximum of: 134°C 'B' type cycle up to 20 minutes 121°C 'B' type cycle up to 60 minutes
Drying time (dependent on type, composition of load and conditions)	Drying times are set for each cycle, however upon request, an Eschmann trained engineer can adjust these to between 0-30 minutes
Operating pressure	210 kPa at 134°C, 110 kPa at 121°C + Atmospheric pressure 76 kpa ~ 106kpa

Water and Reservoir

Fresh Water Reservoir capacity	2500 ml (max)
Waste Water Reservoir capacity	2000 ml (max)
Minimum initial fill	500 ml (approx)
Volume used per cycle	200 ml (max) for 'B' 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 15PPM/30µs

Dimensions and Weights

Chamber Volume	23 Litres
Chamber Dimensions	247 mm (diameter) x 450 mm (depth)
External Dimensions (D X W X H)	690 mm (d) x 490 mm (w) x 455 mm (h)
Shipping Dimensions D X W X H)	765 mm (d) x 560 mm (w) x 510 mm (h)
Weight (empty)	50 kg
Gross Weight (incl. shipping carton)	54 kg
Max Load	Wrapped Cycles up to 4 kg, solid 5 kg

Power Supply

Supply Voltage	230vac (±10%) 50Hz @ 8A
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Ordering Information

Product No.	Product Description
STE-23-D*	EVA 23B Vacuum Autoclave
8785154UVCSHW	RO Water System including UV Light
8793436	Essential Helix Test (for 'B' type vacuum cycle) x250
8793547	Essential TST Indicators (for 'N' type non-vacuum cycle) x250
IC005905	Long Tray for EVA 23B (38 cm x 19 cm)
IC004200	Tray Lifter

*The EVA 23B includes: Mains Lead, User Manual, USB Memory Stick for Cycle Data, Manual, Reservoir Drain Tube, Spare Door Seal, Tray Carrier, Tray Lifter, 3 x Long Tray for EVA 23B (38 cm x 19 cm)



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