

Priorclave 450 Litre Higher-Capacity Rectangular Section Autoclave, Steam

Product Code: MDPS/RSC/SH450

Brand: Priorclave

The Priorclave 450 Litre Higher-Capacity Rectangular Section Autoclave, Steam is a must-have for any laboratory undertaking high-volume throughput sterilising procedures or are frequently tasked with handling tall and bulky items. Despite its large rectangular chamber and high loading capacity, this autoclave requires only a relatively small floor area and is fitted with castors for easier positioning.

To suit a diverse range of applications within food and drink, dairy, pharmaceutical, agriculture, education, healthcare, and research laboratories, this extra-high capacity autoclaves come with a direct steam heating system.



Features

- Lower hand wheel on door is fitted with thermal and pressure locks to prevent opening at load temperature above 80°C and pressures above 0.2 bar
- Tactrol 2 microprocessor control with simple and fully variable setting of process time, temperature with graphic indication of cycle status
- Automatic timed free-steaming
- Water cooling jackets (optional)
- Pre-cycle vacuum in which multiple vacuum stages are programmed with interspersed heating to achieve steam penetration. Incorporates vacuum assisted cooling (optional)
- Pulsed free steaming to maximise efficiency of pre-cycle vacuum phase (optional)
- Low water level sensor
- Post cycle drying (optional)
- Two full-width non-tipping stainless steel load shelves
- Epoxy coated panels and frame members are treated with an anti-bacterial agent which is effective against all bacteria and fungi including MRSA
- Pressure vessel carries a 10 year warranty and is insurance approved
- Service and support direct from manufacturer (or appointed distributor)

Specifications

Capacity (L)	450
Chamber Size	675 x 900 x 755mm
Chamber Material	Burnished 316 stainless steel
Loading Format	Front Loading
Loading Height	800mm
Operating Range	Up to 140°C, 2.4 bar
Weight (kg)	770
External Dimensions (W x D x H)	855 x 1325 x 1785mm
Min. Dimensions (A x B x C)	1525 x 1055 x 760mm
Heater Power	32.5kW - 45A three-phase

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* installation dimensions include spacer doors to open fully and for pipes, etc. at the rear of the autoclave.

Consideration should be given to allow access for routine servicing.

