

Priorclave 350 Litre Mid-Capacity Rectangular Section Autoclave, Steam

Product Code: MDPS/RSC/SH350

Brand: Priorclave

The Priorclave 350 Litre Mid-Capacity Rectangular Section Autoclave, Steam has been developed specifically for laboratories needing to undertake high-throughput sterilising procedures or handle extra bulky items. Despite the high loading capability of its large rectangular chamber, this autoclave requires a relatively small floor area and will pass through a standard door - installation features that add to an already highly specified performance steriliser range.

This front-loading autoclave is directly steam heated and features a patented two handwheel door closure for easy safe opening/closure of the rigid robust hinged door.

It can be used extensively in many industries including food and drink, dairy, pharmaceutical, agriculture, education, healthcare, and research laboratories.



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:

Autoclave Capacity (litres)	350
Chamber Size	580 x 900 x 600mm
Chamber Material	Burnished 316 stainless steel
Loading Format	Front
Loading Height	800mm
Operating Range	Up to 140°C, 2.4 bar
Weight (kg)	640
External Dimensions (w x d x h)	760 x 1325 x 1630mm
Minimum Dimensions (a x b x c)	1525 x 960 x 760mm
Heater Power	21kW - 30A three-phase

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

Consideration should be given to allow access for routine servicing.

