

## Priorclave 230 Litre Mid-Capacity Rectangular Section Autoclave, Steam & Jacket

**Product Code:** MDPS/RSC/SH230J

**Brand:** Priorclave

The Priorclave 230 Litre Mid-Capacity Rectangular Section Autoclave, Steam & Jacket 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:

<b>Autoclave Capacity (litres)</b>	230
<b>Chamber Size</b>	580 x 600 x 600mm
<b>Chamber Material</b>	Burnished 316 stainless steel
<b>Loading Format</b>	Front
<b>Loading Height</b>	800mm
<b>Operating Range</b>	Up to 140°C, 2.4 bar
<b>Weight (kg)</b>	560
<b>External Dimensions (w x d x h)</b>	760 x 1025 x 1630mm
<b>Minimum Dimensions (a x b x c)</b>	1225 x 960 x 760mm
<b>Heater Power</b>	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.

