

Mid Capacity Front Loading Autoclaves

The RSC range of autoclaves has been developed specifically for laboratories needing to undertake high-throughput sterilising procedures or handle extra bulky items. Priorclave has built a range featuring large rectangular chambers, despite this high loading capability these castor mounted autoclaves require 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 RSC range of front-loading Priorclaves available in three standard capacities - 230, 285 and 350 litres - is available as either electrically or direct steam heated and features the Priorclave patented two handwheel door closure for easy safe opening/closure of the rigid robust hinged door.

This popular range of rectangular chamber Priorclaves are used extensively in many industries including food and drink, dairy, pharmaceutical, agriculture, education, healthcare and research laboratories.

Key Features

- Lower handwheel 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.¹
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration. Incorporates Vacuum Assisted Cooling¹
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.¹
- Low water level sensor.
- Post Cycle Drying.¹
- 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).

¹ *Optional*

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model: PS/RSC/EH230

autoclave capacity	230 litres
chamber size	580 x 600 x 600mm
chamber material	burnished 316 stainless steel
loading format	front
loading height	800mm
operating range	up to 140°C, 2.4 bar
heater power	21kW 30A three-phase
weight	560 kg

model: PS/RSC/EH285

autoclave capacity	285 litres
chamber size	580 x 760 x 600mm
chamber material	burnished 316 stainless steel
loading format	front
loading height	800mm
operating range	up to 140°C, 2.4 bar
heater power	21kW 30A three-phase
weight	600 kg

model: PS/RSC/EH350

autoclave capacity	350 litres
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
heater power	21kW 30A three-phase
weight	640 kg

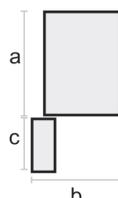
for direct Steam Heated models substitute SH for EH. Internal Steam Generator versions available.

Installation Specification



* 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.



model: PS/RSC/EH230

external dimensions (w x d x h)	760 x 1025 x 1630mm
minimum installation = a x b x c*	1225 x 960 x 760mm
heater power	21kW 30A three-phase
weight	560kg

model: PS/RSC/EH285

external dimensions (w x d x h)	760 x 1155 x 1630mm
minimum installation = a x b x c*	1355 x 960 x 760mm
heater power	21kW 30A three-phase
weight	600kg

model: PS/RSC/EH350

external dimensions (w x d x h)	760 x 1325 x 1630mm
minimum installation = a x b x c*	1525 x 960 x 760mm
heater power	21kW 30A three-phase
weight	640kg

Steam heated models have an extra 45mm working height.

All Priorclaves comply and conform to relevant international standards including BS2464-1993, PC500:2012+A1 Cat.3 European PED 97/23/EC B1+D, EMC compliance tested and CE marked for BS EN 61010-2-41.

Support and Service

Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.



Our service doesn't stop there though, as we offer calibration and performance qualification services to ensure that your autoclave and laboratory meet all the required standards. We are happy to service and calibrate other makes of autoclave and other laboratory equipment, offering a complete package to the laboratory.

Our ISO9000 certification and UKAS approval as a calibration laboratory gives you the assurance that work will be carried out in a safe and effective manner with full traceability to national standards of any calibration work undertaken. Often this is an integral part of a Planned Maintenance programme but one-off calibrations can be easily arranged.

The information in this datasheet is compiled in good faith. Our policy is one of continual development, we therefore reserve the right to alter the specification without prior notice. E & OE March 2014

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World-Wide Availability

Priorclave, a UK manufacturer of premier laboratory autoclaves, has a global presence in today's market through a network of thoroughly vetted and approved distributors, enabling the company to support laboratories world-wide.