

Front Loading Autoclaves

Proven build quality and reliability plus a chamber with a taller profile than that found in most 'cylindrical' machines, gives the Q63 impressive load capacities ideally suited to sterilising larger bulky items - 20% more space than conventional machines.

Available in two standard sizes of 320 and 500 litres, the credentials of the Q63 range with its front loading, double-depth cylindrical chambers has made this mid-size capacity Priorclave one of Europe's most sought-after autoclaves.

In addition to an assured build quality that complies with international standards, the Q63 range features advanced micro-processor technology to simplify programming as well as maintaining a watching brief to optimise the sterilisation process.

Key Features

- Quickseal single-action door 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.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration.¹
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.¹
- Media Warming and Delayed Start functions keep autoclaved media at a usable temperature ready for immediate use
- Vacuum Assisted Cooling.¹
- Low water level sensor.
- Post Cycle Drying for faster load drying.¹
- Two full width 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/Q63/EH320

autoclave capacity	320 litres
chamber size	630mm dia x 1025mm
chamber material	burnished 316 stainless steel
loading format	front
loading height	725mm
operating range	up to 140°C, 2.4 bar
heater power	21kW 30A three-phase
weight	300 kg

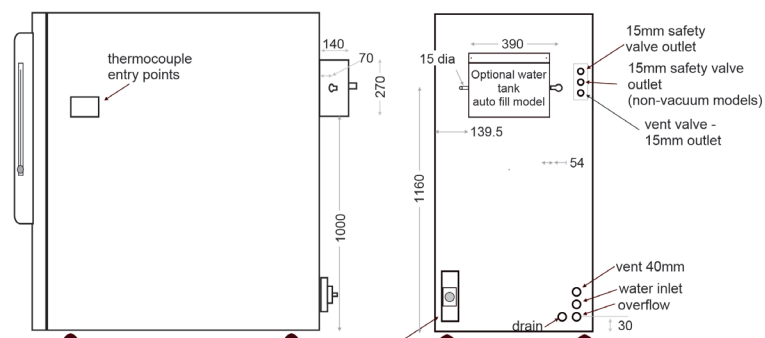
model: PS/Q63/EH500

autoclave capacity	500 litres
chamber size	630mm dia x 1600mm
chamber material	burnished 316 stainless steel
loading format	front
loading height	725mm
operating range	up to 140°C, 2.4 bar
heater power	18kW at 30A - three phase
weight	390kg

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

Q63 complies and conforms to relevant international standards including BS2464-1993, PD5500: 2000 Cat.3 European PED 97/23/EC, EMC compliance tested and CE marked for BS EN 61010-2-41.

Installation Specification



model: PS/RSC/**EH230**

external dimensions (w x d x h)	760 x 1310 x 1525mm
minimum installation = a x b x c*	1480 x 990 x 760mm
heater power	18kW at 30A - three phase
weight	300kg

model: PS/RSC/**EH285**

external dimensions (w x d x h)	760 x 1860 x 1525mm
minimum installation = a x b x c*	1860 x 990 x 760mm
heater power	18kW at 30A - three phase
weight	390kg

* 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.



Plan View

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.