

Front Loading Stackable Autoclaves

The popular QCS range of autoclaves is now available in a double-stack configuration. It enables laboratories to enjoy all the benefits of this versatile machine whilst doubling-up on the amount that can be sterilised in a compact floor space.

Choose from one of the two standard chamber sizes of 150 and 200 litres, and each offers 20% more loading capacity than other sterilisers of the same capacity the QCS has the flexibility to accommodate both small and taller than usual items, avoiding the need to invest in larger, heavier and more costly rectangular sterilisers.

Each chamber has its own independent TACTROL®2 controller, a powerful system for programming simple cycles to fully featured multi-programme operations with printable records if required.

For a busy working environment, automating the sterilising process and with features to assist in autoclave management, TACTROL®2 enables other tasks to be undertaken secure in the knowledge that sterilisation is proceeding safely and efficiently.

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
- 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



model: PS/QCS/EH150STK

autoclave capacity	2 x 150 litres
chamber size	500mm dia x 750mm (x2)
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 138°C, 2.4 bar
heater power	7kW at 30A; 10.5kW* at 15A per phase
weight	510kg

model: PS/QCS/EH200STK

autoclave capacity	2 x 200 litres
chamber size	500mm dia x 1025mm (x2)
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 138°C, 2.4 bar
heater power	7kW at 30A; 10.5kW* at 15A per phase
weight	538kg

* three phase supply, recommended for EH200

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Installation Specification



rear view



front view

* 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/QCS/EH150STK

external dimensions (w x d x h)	890 x 1625 x 1810mm
minimum installation = a x b x c	1500 x 1090 x 625mm
heater power	7kW at 30A; 10.5kW* at 15A per phase
weight	510kg

model PS/QCS/EH200STK

external dimensions (w x d x h)	890 x 1875 x 1810mm
minimum installation = a x b x c	1750 x 1090 x 625mm
heater power	7kW at 30A; 10.5kW* at 15A per phase
weight	538kg

* three phase supply, recommended for EH200

All QCS autoclaves comply and conform 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.

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 October 2016

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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.