



Priorclave details - model no PS/QCS/EV100E.

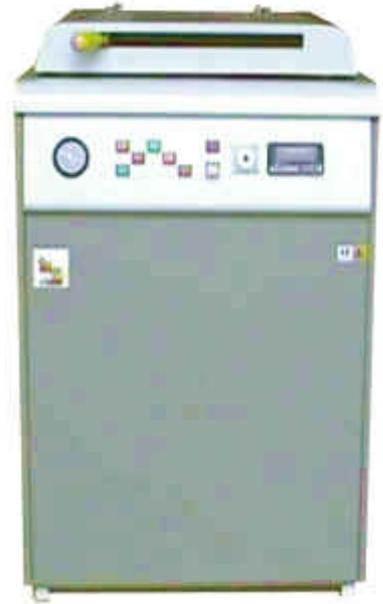
EV100 Priorclave EX

Top Loading Priorclave EX-Series autoclaves have a compact design for where space is at a premium. Available in 100 and 150L capacities and electrically heated they feature especially low loading heights for the capacity available. They are supplied complete with a stainless steel Load Support Plate and with one stainless steel mesh basket. Additional baskets and stainless steel waste containers are also available to suit these models.

For Sale Outside of the EC only

Ex Series Priorclaves.

Priorclave EX Series Laboratory Autoclaves are manufactured with users in remote locations in mind. Built to the same high standards as the QCS series of top and front loaders on which they are based they feature the same high quality pressure vessels, closure systems and panel work but use a much simplified control system based on discreet components rather than a microprocessor. Whilst they are extremely effective for media preparation and waste load sterilisation, the simplicity of the control system makes servicing much more straightforward than with more complex microprocessor controls, reducing downtimes in remote locations with unreliable power supplies.



Features include:

- Top and Front Loading models with capacities from 100 to 200 litres
- Operation up to 138oC - 2.4 Bar
- Large diameter chamber giving 20% more loading area than conventional models.
- Quickseal 2 single action door closure system
- Steam generated within the chamber.
- Complete with thermocouple entry and test ports

The control panel has staged illumination giving digital readouts of cycle status and the simple to set control panel features adjustable temperature and time that can be viewed simultaneously.

Safety

Pressure vessels are manufactured in stainless steel grade 316L and are insurance approved to the European PED 97/23/EC. The autoclaves are manufactured under an ISO 9000 regime and built in accordance with BS2646-1993, BS5500 Cat.3, amongst others.

All autoclave doors are fully interlocked for safety with a special safety gate mechanism, which cracks the gasket seal allowing any residual pressure to safely escape. A pressure interlock, low water level sensor (to guard against boil-dry conditions) and a safety blow down valve afford further protection.

Epoxy coated panels and frame members are treated with the unique **Biocote**[®] anti-bacterial agent, which is effective against all bacteria and fungi including MRSA.

Installation Requirements

Electrical: Single phase 240V, 50Hz, 30-amp power supply or, if available a three phase 400V 50Hz 15A supply

Drainage: The single ¾ in vent outlet pipe can be directed to a nearby drain. For make safe processing the discharge should be directed to a sealed discharge system; the system should lead by direct connection to a building drain or catchment tank.

For more specific advice about your particular installation requirements please contact our Technical Department or download our data sheet outlining the installation requirements for Priorclaves or any other type of Laboratory autoclave at: <http://www.priorclave.co.uk/downloads/installation.PDF>
EX Series Priorclave autoclaves have a 12 months parts warranty and a 10 year or 10,000 cycle pressure vessel warranty.

Technical Specifications.

Max. Capacity: 100L

Internal Diameter: 500mm

Load height: 725mm

Dimensions (mm)	Width	Depth	Height	Packed Dimensions (mm)	Width	Depth	Height
Internal	-	500	-	UK Delivery	720	900	1020
External	660	800	850	Delivery by Sea	-	-	-
Installed	660	850	940	Delivery by Air	-	-	-

Weights (Kg)	
Gross	147
Packed (Sea)	-
Packed (Air)	-

NB: Weights and dimensions shown are for the Autoclave only, unloaded and without water (if applicable). These figures do not include any options and accessories listed below which may alter external dimensions and weights. For full details please contact Priorclave or your local agent.
