

Compact Top Loading Autoclaves

With a chamber depth of 625mm, the Priorclave C60 range of autoclaves is ideal for sterilising those taller items such as fermentors and large capacity Erlenmeyer flasks.

Although classified as part of the Priorclave Compact range, the stainless steel chamber of the C60 top loading autoclave accommodate easily ten one-litre or sixteen 500ml bottles, alternatively six one-litre Erlenmeyer flasks. This highlights the high density loading that can be achieved in a machine requiring just 472 x 620mm of floor space.

Priorclave offers a choice of standard or vacuum models to match sterilising requirements. Also adding to the versatility of the C60 top loading autoclave range is its mobility, castors enabling it to be easily moved when required.

Key Features

- Quickseal single-action door fitted with thermal and pressure locks to prevent opening at load temperature above 80°C and pressures above 0.2bar.
- Tactrol 2 microprocessor control with simple and fully variable setting of process time, temperature with graphic indication of cycle station.
- Automatic timed free-steaming.
- Forced Air Cooling.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration.¹ (optional on PS/MID/C60)
- 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.
- Two loading baskets.
- 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 Vacuum models only PS/MVA/C60

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model PS/MID/C60

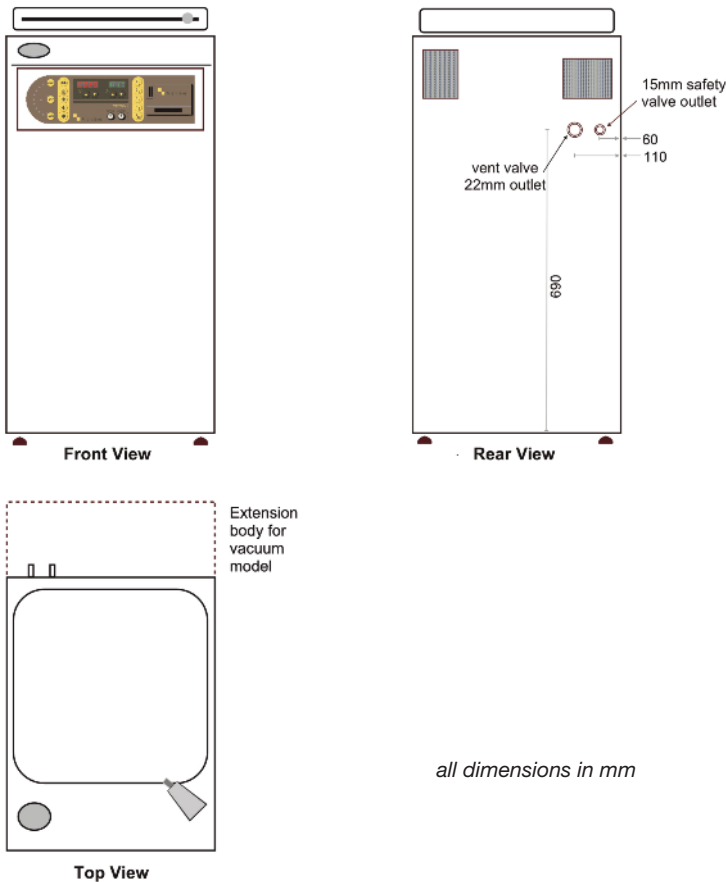
autoclave capacity	60 litres
chamber size	350mm dia x 625mm
chamber material	polished 316 stainless steel
loading format	top
loading height	850mm
operating range	up to 140°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	manual or plumbed
water tank capacity	3 litres
weight	85kg

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loading height	850mm
operating range	up to 140°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	manual or plumbed
evacuation capability	300 mbar absolute
water tank capacity	3 litres
weight	90kg

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



all dimensions in mm

model PS/MID/C60

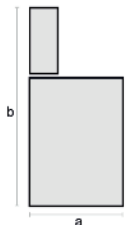
external dimensions (w x d x h)	472 x 620 x 900mm
installation dimensions (a x b)* - see diagram	670 x 1395mm
heater power	3kW - 13A single phase
weight	85kg

model PS/MVA/C60

external dimensions (w x d x h)	472 x 790 x 900mm
installation dimensions (a x b)* - see diagram	875 x 1395mm
heater power	3kW - 13A single phase
weight	90kg

* 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.



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.