

# Compact Benchtop Autoclaves

The Priorclave C40 range of compact, front loading autoclaves are designed specifically for benchtop steam sterilising applications, a small footprint enabling even the smallest laboratory to own a highly efficient, feature-packed Priorclave.

Out of the box the Priorclave C40 autoclave is ready to use, requiring only plugging into a 240V, single-phase supply. Models in this versatile C40 range can be supplied for either manual or auto-water fill as well as a choice of standard or highly efficient vacuum operation, adding further to its appeal for laboratories where space is limited, infrequent sterilisations take places or a more demanding medium requires faster processing.

As with all Priorclaves the C40 benchtop range of autoclave is built in the UK enabling easy upgrade during their working life as customer requirements change.

## 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.
- Forced Air Cooling.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration.<sup>1</sup> (optional on PS/MID/C40)
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.<sup>1</sup>
- Media Warming and Delayed Start functions keep autoclaved media at a usable temperature ready for immediate use.
- Vacuum Assisted Cooling.<sup>1</sup>
- Low water level sensor.
- Two loading 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).

<sup>1</sup> Vacuum models only PS/MVA/C40



standard C40

model:PS/MID/C40

autoclave capacity	40 litres
chamber size	350mm dia x 420mm
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 138°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	n/a
water tank capacity	3 litres
weight	70kg



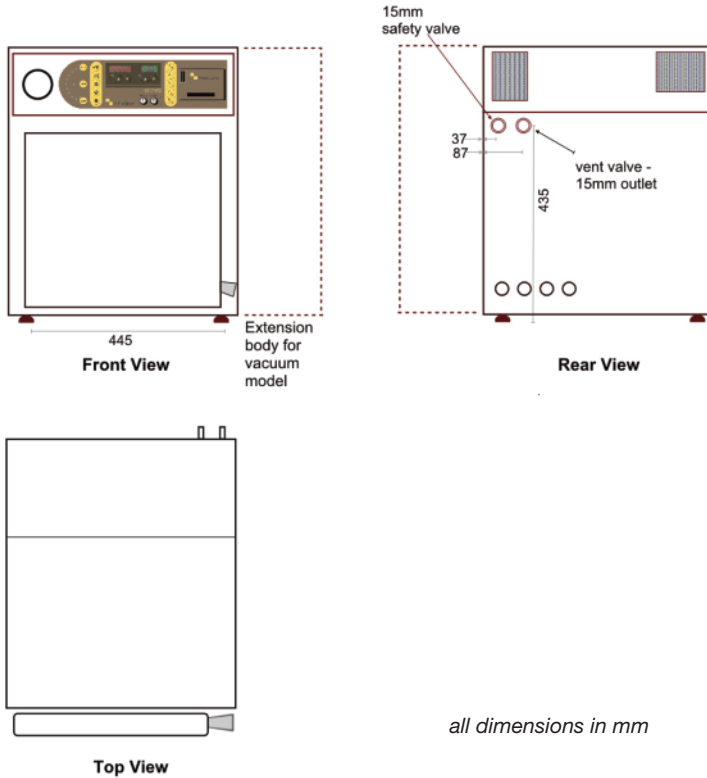
standard C40 with vacuum

model: PS/MVA/C40

autoclave capacity	40 litres
chamber size	350mm dia x 420mm
chamber material	polished 316 stainless steel
loading format	front
operating range	up to 138°C, 2.4 bar
heater power	3kW - 13A single phase
water supply	n/a
water tank capacity	3 litres
weight	92kg

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/MID/C40

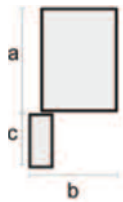
external dimensions (w x d x h)	520 x 610 x 640mm
installation dimensions (a x b x c)* see diagram below	660 x 580 x 560mm
door swing	520mm
heater power	3kW - 13A single phase
weight	70kg

### model PS/MVA/C40

external dimensions (w x d x h)	695 x 610 x 640mm
installation dimensions (a x b x c)* see diagram below	660 x 755 x 560mm
door swing	520mm
heater power	3kW - 13A single phase
weight	92kg

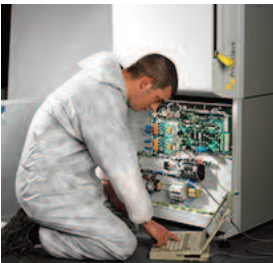
\* installation dimensions include space for doors to open fully and for pipes, etc. at the rear of the autoclave.

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.