



## Priorclave details - model no PS/MID/C40.

Compact 40 Benchtop Priorclave Autoclave.(Includes cooling & automatic timed freesteaming)

The **Bench mounting Priorclave Compact 40** autoclave has a large 40L capacity using the minimum of bench space. It is supplied complete with two stainless steel shelves and a stainless basket and stainless waste container are available.



### Compact Priorclaves.

These autoclaves allow a level of setting and operating flexibility usually only available in larger units for the low volume user and are ideally suited for use in a wide range of sterilising applications such as media preparation, laboratory waste, liquids and diluents, glassware, instruments and apparatus.

They are extensively used within many industries including food, drink, dairy, pharmaceutical, agricultural, education, healthcare, research establishments and industry.

#### Features include:

- Operation up to 140C – 2.5 Bar.
- Quickseal 2 single action closure
- Operation from standard 13 Amp socket (UK)
- Complete with thermocouple entry and test ports
- Forced air cooling as standard helping to reduce cycle times
- Automatic timed freesteaming as standard for improved air removal and sterilising performance
- Delayed start and media warming function as standard for ready to pour media at the start of the day

A large selection of options and accessories is available to help to get the most from your Priorclave autoclave.

All models are fitted with the **TACTROL** microprocessor control system. After setting your required operating parameters press the start button for a fully automatic cycle. The control panel shows cycle status with digital readouts of temperature and time that can be viewed simultaneously. Temperature and time settings are fully adjustable within the operating range of the autoclave.

#### Safety

Pressure vessels are fully **CE** marked and insurance approved to the European PED 97/23/EC. The autoclaves fully conform to BS2646-1993, BS5500 Cat.3, and EMC directives, amongst others. The autoclave door is fully interlocked for safety with a special safety gate mechanism, which cracks the gasket seal allowing any residual pressure to safely escape. A thermal cooling lock, preventing the door from being opened until the contents have cooled to a safe temperature is also fitted along with a pressure interlock. A 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**<sup>®</sup> anti-bacterial agent, which is effective against all bacteria and fungi including MRSA.

#### Installation Requirements

**Electrical:** Single phase 230V, 50Hz, 13-amp power supply (3kW).

**Drainage:** The single 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>

Compact Priorclave autoclaves have a 12 months parts and labour warranty (parts only outside the UK) and a 10 year, 10,000 cycle pressure vessel warranty.

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## Technical Specifications.

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**Max. Capacity:** 40L

**Internal Diameter:** 350mm

**Load height:** -mm

<b>Dimensions (mm)</b>	<b>Width</b>	<b>Depth</b>	<b>Height</b>	<b>Packed Dimensions (mm)</b>	<b>Width</b>	<b>Depth</b>	<b>Height</b>
<b>Internal</b>	-	420	-	<b>UK Delivery</b>	710	600	805
<b>External</b>	520	610	650	<b>Delivery by Sea</b>	-	-	-
<b>Installed</b>	580	650	660	<b>Delivery by Air</b>	-	-	-

<b>Weights (Kg)</b>	
<b>Gross</b>	80
<b>Packed (Sea)</b>	130
<b>Packed (Air)</b>	-

**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.

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