

Compact Top Loading Autoclaves



Description

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 Deg 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.

Technical Data

- 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 140oC, 2.4 bar
- heater power 3kW – 13A single phase
- water supply manual or plumbed
- water tank capacity 3 litres
- weight 85kg