



Priorclave

TOP LOADING / AUTOCLAVE

SMART



60L AUTOCLAVE TOP LOADING

V60-SMART



85L AUTOCLAVE TOP LOADING

V85-SMART

Priorclave's Smart autoclaves are intended for industrial, research, and production labs and facilities with greater or more diverse needs. They can adeptly handle standard tasks (e.g., media prep, waste loads, labware) but can also produce drier loads and more reliably handle complex loads that tend to trap air. Ideal for mixed waste loads, biological waste or pathogen-heavy materials, cloth and textile sterilisation, soil and substrate preparation, wrapped instruments, and porous loads. These smaller top-loading sterilisers are among our best-sellers worldwide, owing to their high efficiency and extremely small footprint (relative to chamber size). Features fully customisable cycles (with expanded memory), pre-cycle and post-cycle vacuum, integrated cooling and freesteaming, and air intake filtration.

SPEAK WITH AN AUTOCLAVE EXPERT



+44 (0)20 8316 6620 • priorclave.co.uk • sales@priorclave.co.uk

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.

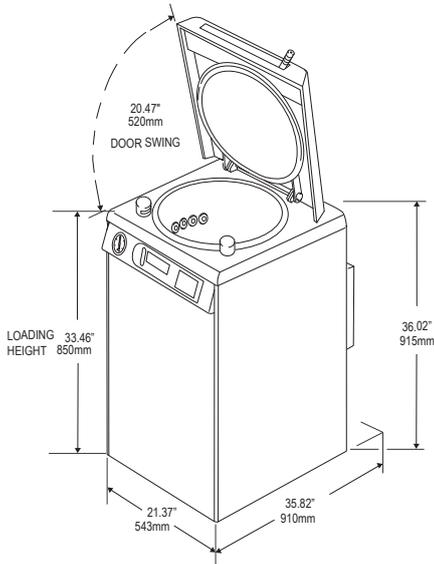
KEY FEATURES

- 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® 3 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.
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.
- Media Warming and Delayed Start functions keep autoclaved media at a usable temperature ready for immediate use.
- Vacuum Assisted Cooling.
- Low water level sensor.
- Two or three 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).

Complies and conforms to relevant international standards including CE & UKCA marking for European PED 2014/68/EU, PD5500:2000 Cat.3 & BS2646-2021. EMC compliance tested and CE/UKCA marked for BS EN 61000 & BS EN 61326.

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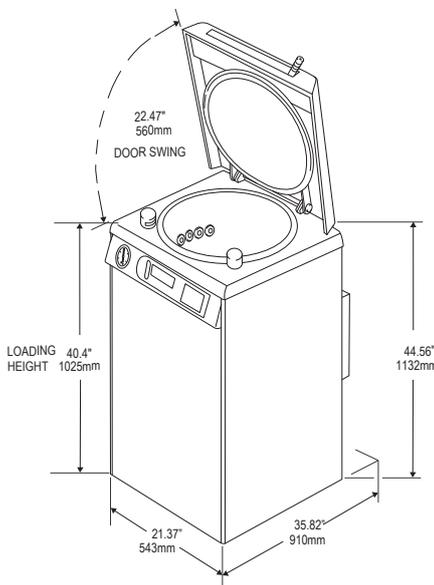
V60-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Elements in Chamber	60 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Top Loading	850mm (X")	3kW - 13A single phase
Chamber Dimensions diameter x depth		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
350 x 625mm (13.77" x 24.60")		n/a		n/a	
Outside Dimensions w x d x h		Weight (unloaded)	Minimum Installation	Door Swing	
543 x 910 x 915mm (21.37" x 35.82" x 36.02")		90kg (198.41lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.	520mm (20.47")	

85L AUTOCLAVE TOP LOADING

V85-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Elements in Chamber	85 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Top Loading	1025mm (40.4")	2.9kW - 13A single phase
Chamber Dimensions diameter x depth		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
350 x 890mm (13.8" x 24.4")		n/a		n/a	
Outside Dimensions w x d x h		Weight (unloaded)	Minimum Installation	Door Swing	
543 x 910 x 1132mm (21.37" x 35.82" x 44.56")		150kg (330.69 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.	560mm (20.47")	

CONFORMITY & COMPLIANCE

UK Standard	ISO 9001 / CE Marked / BS2646
US Standard	ASME
EU Standard	CE / ISO 9001 / PED 97/23/EC

INT Standard	EMC Compliance
Sustainability	
Service	Priorclave Trained Standard