



100L AUTOCLAVE TOP LOADING

EV100-SMART
SV100-SMART



150L AUTOCLAVE TOP LOADING

EV150-SMART
SV150-SMART



200L AUTOCLAVE TOP LOADING

EV200-SMART
SV200-SMART

Priorclave's Smart top-loading 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 sterilisers are among our best-sellers worldwide, owing to their high efficiency and 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

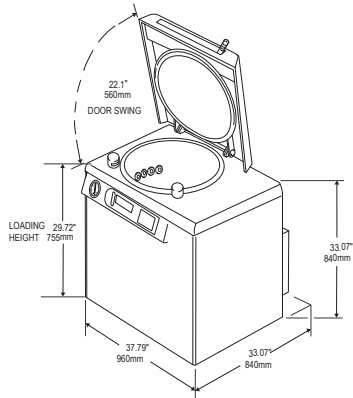
Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.

KEY FEATURES

- Quickseal single-action door fitted with thermal and pressure locks to prevent opening at load temperature above 80°C and pressures above 0.2 bar.
- Tactrol® 3 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.
- Vacuum assisted drying.
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.
- Epoxy coated panels and frame members are treated with an anti-bacterial agent which is effective against all bacteria and fungi including MRSA.
- Media Warming and Delayed Start functions keep autoclaved media at a usable temperature ready for immediate use.
- Vacuum Assisted Cooling.
- Supplied with two (100L) or three (150L) stainless baskets.
- Pressure vessel carries a 10 year warranty and is insurance approved.
- Service and support direct from manufacturer (or appointed distributor).

100L AUTOCLAVE TOP LOADING

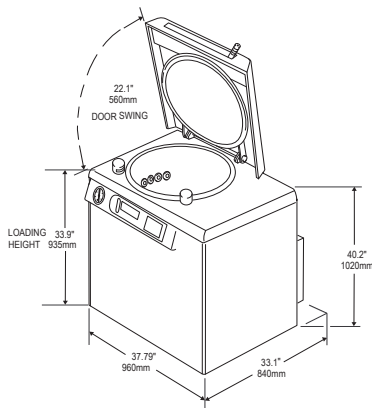
EV100-SMART, SV100-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	100 Liters	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Top Loading	755mm (29.72")	7kW - 30A single-phase 10.5kW - 15A three-phase
Chamber Dimensions diameter x depth		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
500 x 500mm (19.68" x 19.68")		n/a		n/a	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
960 x 840 x 840mm (37.79" x 33.07" x 33.07")	157kg (346.12lbs)	980 x 1400mm (38.58" x 55.11") (including Door Swing)	560mm (22.1")		

150L AUTOCLAVE TOP LOADING

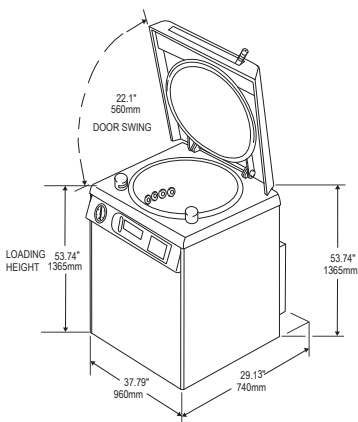
EV150-SMART, SV150-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	150 Liters	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Top Loading	935mm (33.9")	7kW - 30A single-phase 10.5kW - 15A three-phase
Chamber Dimensions diameter x depth		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
500 x 720mm (19.5" x 28.4")		n/a		n/a	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
960 x 840 x 1020mm (37.79" x 33.1" x 40.2")	175kg (385.80 lbs)	980 x 1600mm (38.58" x 62.99") (including Door swing)	560mm (22.1")		

200L AUTOCLAVE TOP LOADING

EV200-SMART, SV200-SMART



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	200 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Top Loading	1180mm (46.55")	7kW - 30A single-phase 10.5kW - 15A three-phase
Chamber Dimensions diameter x depth		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
500 x 1000mm (19.5" x 39.37")		n/a		n/a	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
960 x 740 x 1365mm (37.79" x 29.13" x 53.74")	195kg (429.90lbs)	980 x 1925mm (38.58" x 75.78") (including Door swing)	560mm (22.1")		

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	ACT Label Issued
Service	Priorclave Trained Standard