



# PERFORMANCE



## 450L AUTOCLAVE POWER DOOR

EH450PD-PERFORMANCE  
SH450PD-PERFORMANCE



## 700L AUTOCLAVE POWER DOOR

EH700PD-PERFORMANCE  
SH700PD-PERFORMANCE

Performance autoclaves are designed for high-throughput operation (i.e., more than four complete cycles each day) and are especially adept at challenging loads and items. These steam/water-jacketed sterilisers are fast to heat and fast to cool. They produce drier loads more quickly and reliably and at lower cost than many comparable sterilisers. Zero-clearance power doors further reduce the unit's footprint, giving even the smallest labs access to the largest and most advanced research-grade autoclaves. Features fully customisable cycles (with expanded memory), pre-cycle and post-cycle vacuum, integrated cooling and freesteaming, drain protection, and air intake filtration. Electrical models come with an integral steam generator.

## SPEAK WITH AN AUTOCLAVE EXPERT



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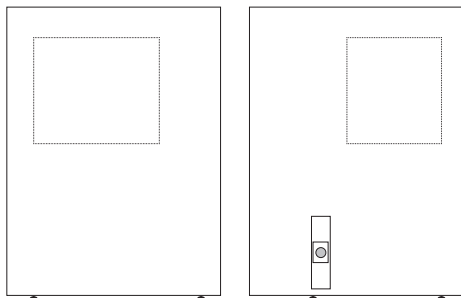
Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.

## KEY FEATURES

- Special STAYPUT locking geometry keeps the pressure door fully locked even in event of drive failure. The push-button controls manage the functionality of 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.
- Water cooling jackets.
- Pre-cycle vacuum in which multiple Vacuum stages are programmed with interspersed heating to achieve steam penetration. Incorporates Vacuum Assisted Cooling.
- Pulsed freesteaming to maximise efficiency of Pre-cycle vacuum phase.
- Post Cycle Drying.
- 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).

# 450L AUTOCLAVE POWER DOOR

EH450PD-PERFORMANCE, SH450PD-PERFORMANCE

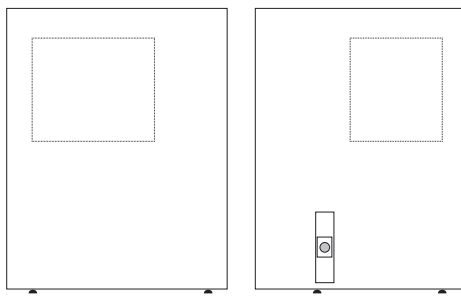


Dimensions Upon Request

Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	450 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	1080mm (42.51")	24kW 35A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
675 x 900 x 755mm (26.57" x 35.43" x 29.72")		660 x 830mm (25.98" x 32.67")		660 x 830mm (25.98" x 32.67")	
Outside Dimensions w x d x h		Weight (unloaded)	Minimum Installation w x d		Door Swing
On Request		1180kg (2601.45 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.		n/a

# 700L AUTOCLAVE POWER DOOR

EH700PD-PERFORMANCE, SH700PD-PERFORMANCE



Dimensions Upon Request

Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	700 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	1080mm (42.51")	48kW 69A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
675 x 1360 x 755mm (26.57" x 53.54" x 29.72")		660 x 1223mm (25.98" x 48.14")		660 x 1223mm (25.98" x 48.14")	
Outside Dimensions w x d x h		Weight (unloaded)	Minimum Installation w x d		Door Swing
On Request		1360kg (2998.28 lbs)	Please allow 500mm (19.69") either side and 300mm (11.81") at the back of the Autoclave.		n/a

## CONFORMITY & COMPLIANCE

UK Standard ISO 9001 / CE Marked / BS2646

US Standard

EU Standard CE / ISO 9001 / PED 97/23/EC

INT Standard

EMC Compliance

Sustainability

Service

Priorclave Trained Standard