

# PERFORMANCE



## 230L AUTOCLAVE POWER DOOR

EH230PD-PERFORMANCE  
SH230PD-PERFORMANCE



## 285L AUTOCLAVE POWER DOOR

EH285PD-PERFORMANCE  
SH285PD-PERFORMANCE



## 350L AUTOCLAVE POWER DOOR

EH350PD-PERFORMANCE  
SH350PD-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.

## KEY FEATURES

- Special STAYPUT locking geometry keeps the pressure door fully locked even in event of drive failure. The pushbutton 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).

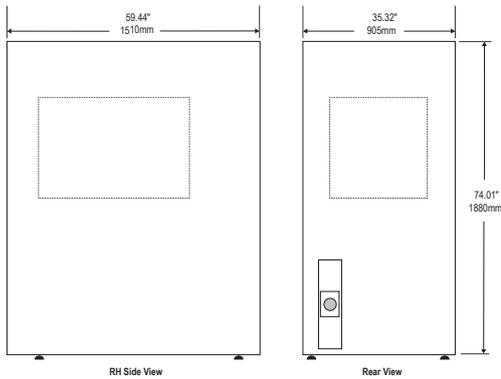


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Our highly trained service technicians provide dedicated pre- and after-sales support including planned maintenance programmes to ensure you get the most from your Priorclave.

## 230L AUTOCLAVE POWER DOOR

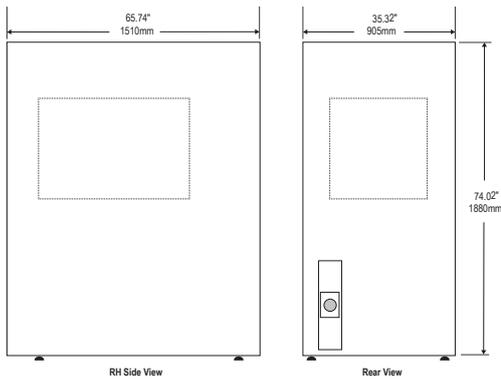
EH230PD-PERFORMANCE, SH230PD-PERFORMANCE



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	230 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	950mm (37.40")	24kW 35A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 600 x 600mm (26.57" x 35.43" x 29.72")		565 x 550mm (22.24" x 21.65")		565 x 550mm (22.24" x 21.65")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
905 x 1510 x 1880mm (35.32" x 59.44" x 74.01")	960kg (2116.44 lbs)	2000 x 1405mm (78.74" x 55.31")	n/a		

## 285L AUTOCLAVE POWER DOOR

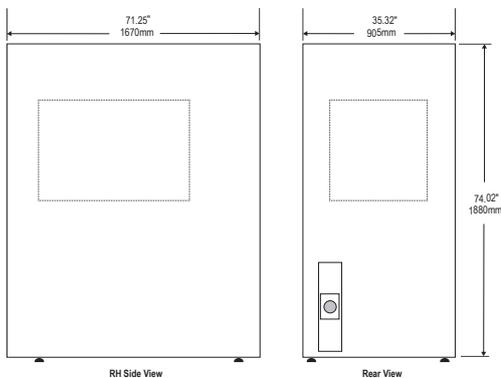
EH285PD-PERFORMANCE, SH285PD-PERFORMANCE



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	285 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	950mm (37.40")	24kW 35A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 760 x 600mm (22.83" x 29.92" x 23.62")		565 x 660mm (22.24" x 25.98")		565 x 660mm (22.24" x 25.98")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
905 x 1510 x 1880mm (35.32" x 65.74" x 74.02")	1060kg (2336.9 lbs)	2160 x 1405mm (85.03" x 55.31")	n/a		

## 350L AUTOCLAVE POWER DOOR

EH350PD-PERFORMANCE, SH350PD-PERFORMANCE



Heat Input	Chamber Volume	Operating Range	Loading Format	Loading Height	Heating Power
Electrical or Direct Steam Source	350 litres	Up to 138 °C, 2.4 Bar (280 °F 34 psi)	Front Loading	950mm (37.40")	24kW 35A three-phase
Chamber Dimensions w x d x h		Bottom Shelf Dimensions w x d		Top Shelf Dimensions w x d	
580 x 900 x 600mm (22.83" x 35.43" x 23.62")		565 x 850mm (22.24" x 33.46")		565 x 850mm (22.24" x 33.46")	
Outside Dimensions w x d x h	Weight (unloaded)	Minimum Installation w x d	Door Swing		
905 x 1670 x 1880mm (35.32" x 71.25" x 74.02")	1060kg (2336.9 lbs)	2310 x 1405mm (90.94" x 55.31")	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