



ESPX Line

Double door CO₂ incubators



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LABORATORY

ESPX Line

Double door CO₂ incubators

- Double door structure:
External door opening to observe studio experimental results through the inner door which is made from high intensity toughened glass.
Temperature and humidity remain unaffected.
- PID controlled temperature.
- Independent door heating system to avoid effectively the inner glass dew phenomenon.
- The humidity is controlled by water dish natural evaporation, directly displayed.
- UV lamp for sterilization, to prevent more effectively pollution cells in incubation period.



Technical features

Model	ESPX-C80A	ESPX-C160A	ESPX-C80II	ESPX-C160II	ESPX-C270
Capacity	80L	160L	80L	160L	270L
Consumption	600W (air jacket)	700W (air jacket)	600W (air jacket) 900W (water jacket)	700W (air jacket) 1200W (water jacket)	1200W (air jacket) 2100W (water jacket)
Shelves no.	2 pcs/adjustable	3 pcs/adjustable	2 pcs/adjustable	3 pcs/adjustable	3 pcs/adjustable
Internal size	41x40.5x51cm	50.5x45.5x70cm	41x40.5x51cm	50.5x45.5x70cm	60x60x75cm
Net weight	60 kg	80 kg	60 kg	80 kg	132 kg
Gross weight	90 kg	115 kg	90 kg	115 kg	165 kg
CO ₂ control way	Proportion match		Infrared sensor electromagnetic valve button control		
Alarm	High Temp., broken temp. sensor		High Temp., broken temp. sensor, water shortage, CO ₂ concentration, CO ₂ cut off		
Sterilization type	UV Lamp				
External material	Cold-rolled steel with painting				
Internal material	Stainless steel				
Door inside	Toughened glass				
Thermal barrier	Polystyrene film				
Temp. range	Room Temp. +5°C ~ +65°C				
Control type	PID control				
Temp. fluctuation	≤ ±0.2°C				
Temp. uniformity	≤ ±0.3°C				
Time setting	9999 minutes or continuous				
CO ₂ consistency control	0 ~ 20%				
Power supply	110/220V±10%, 50/60Hz				
Optional accessories	Printer RS485 connector BOD socket HEPA filter				

