



ESPX Series

CO₂ Incubators



LABORATORY

Features

- * Water tank for humidity in the chamber.
- * Air jacket: equipped with UV Lamp for sterilizing; Water jacket: equipped with HEPA filter.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality CO₂ gas filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Microcomputer controller, LED displays temperature, CO₂ concentration, run-time and timing.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.

Optional accessories: Pressure regulator



LCD touch screen



CO₂ gas filter



HEPA filter (for water jacker)

Technical parameters

Model	ESPX-C50		ESPX-C80		ESPX-C160	
Capacity	50L		80L		160L	
Heating	Air jacket	Air jacket	Water jacket	Air jacket	Water jacket	
Temp. Range	RT +5 ~ 60 °C					
Control Type	Microcomputercontroller					
Temp. Fluctuation	≤ ±0.2°C(at 37°C)					
Temp. Uniformity	≤ ±0.3 °C(at 37°C)					
Time Setting	999h or continuous					
Alarm	Audible and visual alarm;Over-temperature alarm;CO ₂ Concentration alarm.					
Shelves	2 pcs/ adjustable					
Material	External cold-rolled steel with painting; internal stainless steel					
Door	With inner door and external door					
CO ₂ Range	Infrared sensor,range 0~20%					
CO ₂ Control Resolution	0.1%					
Humidification Type	Water tank for natural evaporation					
Sterilization Type	UV lamp for air jacket					
Ambient Temp. & Humidity	18~30°C,suggest 2±2°C; relative humidity ≤80%					
Caster	Footmaster caster					
Consumption	350W	600W	875W	650W	1000W	
Power Supply	AC110/220V±10%, 50/60Hz					
Internal Size(W*D*H)mm	368*387*408	398*446*498	380*450*590	498*546*678	498*480*722	
External Size(W*D*H)mm	500*527*821	600*596*921	648*553*1057	795*835*1255	747*654*1260	
Packing Size(W*D*H)mm	655*685*970	735*735*1070	795*835*1255	790*835*1255	877*784*1430	
Gross Weight(kg)	110	138	158	168	198	