







C80SE 140°C High Heat Sterilization CO₂ Incubator

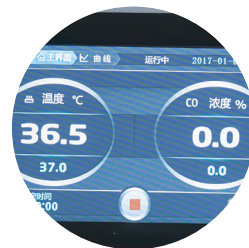
C80SE CO₂ incubator adopts 6-sided direct heat control with temperature uniformity up to ±0.3°C; 140°C dry heat autoclaving function can achieve complete sterilization; infrared (IR) CO₂ concentration detector for precise control; touch control panel can easily view historical data curves and export historical data with one click. Built-in HEPA air filtration system, which provides continuous protection against harmful airborne contaminants in the culture environment.

-  Six-sided direct heat system
-  140°C high heat sterilization
-  Temperature uniformity up to ±0.3°C
-  HEPA air filters keep the air clean



Key Features

- 6-side direct heat system temperature uniformity ±0.3°C
- 140°C high temperature dry heat sterilization
- ISO Class 5 HEPA filtered airflow system
- Circulating airflow technology ensures uniformity of temperature and humidity
- 304 stainless steel cavity with rounded corners, beautiful and easy to clean
- Removable shelf holder, no additional tools required
- 5-inch LCD touch screen, simple and intuitive to operate, data exportable



Technical Details

Cat.No.	C80SE	Relative Humidity	Ambient humidity ~95% at 37°C
Control interface	5 inch LCD touch screen	HEPA filtration	ISO 5 level, 5 minutes
Temperature control mode	PID control mode	Sterilization method	140°C High heat sterilization
Temperature control range	Ambient +5°C ~60°C	Temperature recovery time	≤ 10 min (open door 30sec room temperature 25°C set value 37°C)
Temperature display resolution	0.1°C	CO ₂ concentration recovery time	≤ 5 min (open the door 30sec set value 5%)
Temperature field uniformity	±0.3°C at 37°C	Historical data storage	250,000 messages
Max. power	500W	Data export interface	USB interface
Timing function	0~999.9hours	User management	3 levels of user management: Administrator/Tester/Operator
Internal Dimensions	L440×W400×H500mm	Scalability	Up to 2 units can be stacked
Dimension	L560×W530×H825mm	Working environment temperature	18~30°C
Volume	85L	Power supply	115V~230V±10%, 50~60Hz
CO ₂ measurement principle	Infrared (IR) detection	Weight	78kg
CO ₂ control range	0~20%		
CO ₂ display resolution	0.1%		
CO ₂ supply	0.05~0.1MPa is recommended		