Incubator



FOR STATIC CELL CULTURE

▶ C180SE High Heat Sterilization CO2 Incubator

C180SE 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.





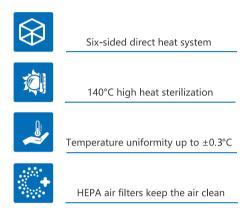
Product Features

- 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

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Technical Details

Cat.No.	C180SE	
Control interface	5 inch LCD touch screen	(
Temperature control mode	PID control mode	-
Temperature control range	Ambient °C+5°C~60°C	
Temperature display resolution	0.1℃	Tei
Temperature field uniformity	±0.3°C (at 37°C)	CO2
Heating power	900 W	
Timer function	0-999.9hours	
Internal Dimensions(W x D x H)	535 x 526 x 675mm	Work
Dimension(W x D x H)	660 x 652 x 1000mm	
Volume	185L	
CO2 measurement principle	Infrared (IR) detection	
CO2 control range	0-20%	

CO2 display resolution	0.1%
CO2 supply	0.5~1bar(0.05~0.1MPa) recommended
Relative Humidity	Ambient humidity ~95% at 37°C
Temperature recovery time	≤10 min (open door 30sec room temperature 25°C set value 37°C)
CO2 concentration recovery ti	me ≤5 min (open door 30sec set value 5%)
HEPA filtration	ISO Class 5, 5 minutes
Sterilization method	140°C high heat sterilization
Working environment tempera	ature 10°C~ 30°C
Historical data storage	250,000 messages
Power supply	115V~230V±10%, 50~60Hz
Weight	112kg
Scalability	Up to 2 units can be stacked