



FOR STATIC CELL CULTURE



C180SE High Heat Sterilization CO2 Incubator

C180SE CO2 incubator adopts 6-sided direct heat control with temperature uniformity up to $\pm 0.3^{\circ}\text{C}$; 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 $\pm 0.3^{\circ}\text{C}$
- ⦿ 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

Incubator



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Six-sided direct heat system



140°C high heat sterilization



Temperature uniformity up to $\pm 0.3^{\circ}\text{C}$



HEPA air filters keep the air clean



Technical Details

Cat.No.	C180SE	CO ₂ display resolution	0.1%
Control interface	5 inch LCD touch screen	CO ₂ supply	0.5~1bar(0.05~0.1MPa) recommended
Temperature control mode	PID control mode	Relative Humidity	Ambient humidity ~95% at 37°C
Temperature control range	Ambient °C+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 door 30sec set value 5%)
Temperature field uniformity	$\pm 0.3^{\circ}\text{C}$ (at 37°C)	HEPA filtration	ISO Class 5, 5 minutes
Heating power	900 W	Sterilization method	140°C high heat sterilization
Timer function	0-999.9hours	Working environment temperature	10°C~ 30°C
Internal Dimensions(W x D x H)	535 x 526 x 675mm	Historical data storage	250,000 messages
Dimension(W x D x H)	660 x 652 x 1000mm	Power supply	115V~230V $\pm 10\%$, 50~60Hz
Volume	185L	Weight	112kg
CO ₂ measurement principle	Infrared (IR) detection	Scalability	Up to 2 units can be stacked
CO ₂ control range	0- 20%		