

MAC

CARBON DI-OXIDE INCUBATOR

MSW-129(PRO)



Images for reference purpose only, may change according to model & size

"MAC" 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. Builtin HEPA air filtration system, which provides continuous protection against harmful airborne contaminants in the culture environment.

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 operation screen, simple and intuitive to operate, data exportable



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MODEL	#CDI-80(PRO)	#CDI-180(PRO)
Volume	80Ltrs	180Ltrs
Control Interface	5 inch LCD touch operation screen	
Temperature control mode	PID control mode	
Temperature control range	Ambient +5°C ~60°C	
Temp. display Resolution	0.1°C	
Temperature field unifromity	$\pm 0.3^{\circ}\text{C}$ at 37°C	
Max. Power	900W	
Timing Function	0~999.9hours	
CO ₂ measurement principle	Infrared (IR) detection	
CO ₂ control range	0~20%	
CO ₂ display resolution	0.1%	
CO ₂ supply	0.05~0.1MPa is recommended	
Relative Humidity	Ambient humidity ~95% at 37°C	
HEPA Filtration	ISO 5 level, 5 minutes	
Sterilization method	140°C High heat sterilization	
Temp. recovery time	≤ 10 min (open door 30 sec room temperature 25°C set value 37°C)	
CO ₂ concentration recovery time	≤ 5 min (open the door 30 sec set value 5%)	
Historical Data storage	250,000 messages	
Data export interface	USB interface	
User management	3 levels of user management: Administrator/Tester/Operator	
Working Environment Temp.	10~30°C	
Power Supply	115V~230V $\pm 10\%$, 50~60Hz	

OPTIONS

- Co₂ Regulator double stage.
- Carbon Dioxide gas Cylinder of 10 Ltrs. Water Capacity.

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