Carbon Dioxide Incubator AT +5~50°C



MCO-170I

170L



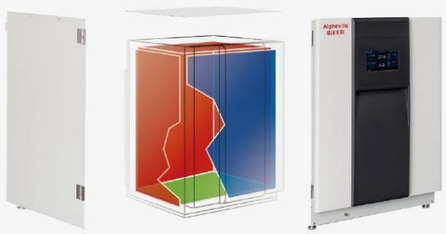
MCO-240I

240L

Product Name	Model	External dimensions (mm)	Internal dimensions (mm)	Capacity (L)	Net weight (kg)
Carbon Dioxide Incubator	MCO-170I	620×772×907	490×525×666	170	100
	MCO-240I	830×772×907	700×525×666	240	108

Precise Control

- Adopts high-precision single-beam dual-wavelength infrared IR sensor, which is less affected by temperature and humidity and provides more accurate control.
- Six-sided heating wire, three independent heating units, ensure high precision and stability of the temperature through PID control.
- Unique air duct design,to maintain a stable culture environment in the chamber.
- Temperature uniformity of 27 test points in the chamber: 37±0.25°C
- Temperature fluctuation inside the chamber: ±0.1°C



Clean Culturing Environment

- Equipped with UV sterilizing lamp as standard, it can irradiate the water tray and the whole air duct to kill the molds in the circulating air of the chamber and the water vapor of the humidifying tray.
- Equipped with HEPA filter as standard, effectively filtering bacteria and dust particles in CO_2 gas.
- When the door is opened, the fan and CO_2 gas valve stop automatically,to reduce the risk of contamination and ensure the state of cell culture.

Intelligent Control

- 7-inch intelligent touch screen, operable with gloves on
- Real-time display temperature and CO_2 concentration in form and curve, to show the operating status of the incubator.
- Three levels of user management can be set.
- Equipped with USB interface as standard, convenient for data storage and export.

High Temperature Sterilization Type AT +5~50°C



MCO-170HS

170L



- 180°C Dry heat sterilization technology,no need for consumables, one key sterilization, automatic completion.
- High-precision Infrared IR Sensor, without the influence of temperature and humidity, resistant to high temperature of 180°C, sterilization without disassembly.
- Delay setting of sterilization.

Product Name	Model	External dimensions (mm)	Internal dimensions (mm)	Capacity (L)	Net weight (kg)
Co_2 Incubator	MCO-170HS	626×874×899	490×525×666	170	115

Multi Gas AT +5~50°C



MCO-170MP

170L

Optional: inner doors (3 or 4 small doors), roller base, gas regulator, temperature recorder, shaker, etc



- Through the zirconia sensor, real-time control of oxygen concentration is achieved, ensuring a strict low-oxygen/high-oxygen environment, which promotes the faster and healthier growth of cells.
- Customized cultivation programs controlled by industrial-grade PLC, meeting the requirements of customized cultivation, can be applied in numerous research fields.

Product Name	Model	External dimensions (mm)	Internal dimensions (mm)	Capacity (L)	Net weight (kg)
Co_2 Incubator	MCO-170MP	620×772×907	490×525×666	170	100