



## CO<sub>2</sub> Incubator INCO2 Series

CO<sub>2</sub> incubator is a safe haven for your cells providing optimal atmospheric conditions. Especially sensitive cell including primary or stem cells are susceptible to temperature increase and will react in adverse ways. When you are planning a complex experiment, or use the cells for a certain application, you want to be sure that the location of the culture vessel inside the incubator has no impact on the cells and experimental result.

Kavoshteb CO<sub>2</sub> Incubators, provide an optimal cell growth environment by maintaining a humidified atmosphere with temperature and carbon dioxide control, these conditions promote cell growth.

### Technical Specification:

Working volume:	60 , 108 , 160 , 240L
Body and chamber material:	Stainless Steel 304L (chamber electro-polished Ra≤0.6μm)
Main controller:	Siemens PLC system
Display:	4.3" full-color touchscreen HMI
Temperature Range:	RT+3 _ 50°C    10 _ 50°C for refrigerate model: 160R & 240R
Humidity Range:	0 _ 100%RH
CO <sub>2</sub> Range:	0 _ 20%

- Fast recovery without regulation overshoot; Temperature and CO<sub>2</sub> recovery in less than 5 min.
- Vibration and turbulence protection by using fast brushless FAN.
- Continues parameters log on the flash memory.
- User friendly operation menu & sensitive 4.3inches touchscreen panel.
- UV-C sterilization cycle for more contamination protection.
- Stainless steel electro-polished, chamber.
- Short response accurate NDIR CO<sub>2</sub> sensor.
- Visual and audible alarm system with flash save option.