

TRI-GAS CONTROLLER FOR INCUBATOR

All incubators can be upgraded to a tri-gas incubator with our gas controller, which can be used for continuous cell culture and other culture tasks, simulating the physiological and pathological oxygen environment of cells



Function Parameters

- **Accurate gas control system:**

 - O₂ control range: 0.1% - 23.0%, in increments of 0.1%

 - CO₂ control range: 0.03% - 20.0%, in increments of 0.1%

 - Programmable four-stage hypoxia cycle

 - Range of Humidity: Room humidity to 75%, in increments of 0.1%

- **Sensor calibration:**

 - The O₂ and CO₂ can be calibrated with a choice of one-touch or known points calibration

- **Data recording:**

 - USB data logging system with continuous data storage in Excel: time, date, O₂ (set/actual), CO₂ (set/actual)

Application Field

- Cancer research
- Stem cell research
- Nerve disease
- Cardiac muscle cell
- Metabolic disease

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