HYPOXIA INCUBATOR

Hypoxia incubator includes a Gas controller and incubators. The hypoxia incubator (without temp control) can be placed inside an incubator while the Gas controller remains outside.





Application Field

- Cancer research (HIF)
- Stem cell research
- Respiratory disease
- · Sleep disorders
- · Altitude sickness
- · Gene expression

· Accurate gas control system

· CO₂ cell culture mode:

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

Hypoxia cell culture mode:

 $\rm O_2$ control range: 0.1% - 23.0%, in increments of 0.1% $\rm CO_2$ control range: 0.1% - 20.0%, in increments of 0.1%

Programmable four-stage hypoxia cycle

Sensor calibration

One-touch calibration for O2 and CO2 sensor

Specifications

• Temperature control range

5°C above ambient up to 45°C, in 0.1°C increments

- Humidity control range: Room humidity to 75%
- Optional Two/Three-channel gas controller
- Hypoxia incubator inner size (mm)

Small incubator without temp control: 320(W)*280(D)*140(H) (Black or Clear) Large incubator without temp control: 320(W)*280(D)*210(H) (Black or Clear)

Hypoxia incubator with Temperature control (Inner size)
Incubator with temperature control: 350(W)*290(D)*270(H) (Black or Clear)

Data recording

USB data logging system with continuous data storage in Excel: time, date, O_2 (set/actual), CO_2 (set/actual)

Gas environment recover rapidly

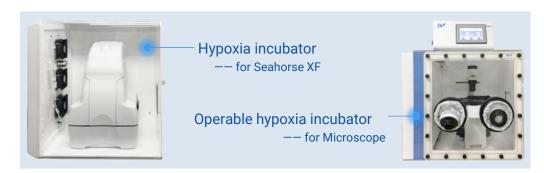
Door opening recovery 1% O2 level in 70 seconds

Standard System

- · Four-stage Hypoxic Cycle
- USB data logging system
- Sensor calibration

Optional System

- · Cylinder low pressure alarm
- Temperature control
- · Cable gland
- · High oxygen mode
- · Anaerobic mode



Customised Enclosures

