

# DOUBLE DOOR ANIMAL HYPOXIA INCUBATOR



## Operation System

- **High-end Oxygen Sensor**

The oxygen sensor is treated with the fluorescence quenching approach and is less susceptible to environmental fluctuations

One-click calibration via the HD touch screen ensures accurate readings of the O<sub>2</sub> concentration inside the incubator

- **Unique Interlock**

The incubator is equipped with an interlock as standard to ensure that the transfer of items is not affected by the low oxygen environment inside the incubator

The intelligent interlock allows the selection of 10 different oxygen concentrations for sample transfer

- **Accurate gas concentration control**

Users can choose the optional air pump model (precision air intake) according to their needs

A four-stage gas circulation function is available for users conducting concentration-dependent experiments

Optionally available to simulate 12 levels of natural light intensity variation to realistically reproduce the actual environment

## Main parameter

- Constructed from premium polyacrylic sheets for superior insulation and moisture retention
- **O<sub>2</sub> control range:**
  - 0.1% - 23.0%, with 0.1% high accuracy
  - Four-stage automatic gas circulation with programmable O<sub>2</sub> concentration.
- **Alarm system for CO<sub>2</sub>:**
  - high and low values can be set by the researcher.
- **Probe calibration function:**
  - oxygen sensor can be calibrated with a single click on-screen
- Interlock blowing at different oxygen concentration levels can be quickly set and attained into a hypoxia environment.
- **Data recording:**
  - Gas concentration data can be stored and output for over 30 days
- Optional temperature control system
- Optional CO<sub>2</sub> adsorbent, desiccant, activated carbon adsorbent
- Optional multi-incubator control

		External Dimension	Internal Dimensions
<b>Double Door Animal Hypoxia Incubator</b>	Height (mm)	470	429
	Width(mm)	880	860
	Depth(mm)	600	500

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