

HYPOXIA ENCLOSURE FOR ACEA

Hypoxia enclosure simulates the internal environment of an organism (precise control of oxygen, carbon dioxide, and temperature), providing a physiological oxygen environment similar to the internal environment in the organism for various in vitro cellular assays and ensuring the accuracy of cellular research.

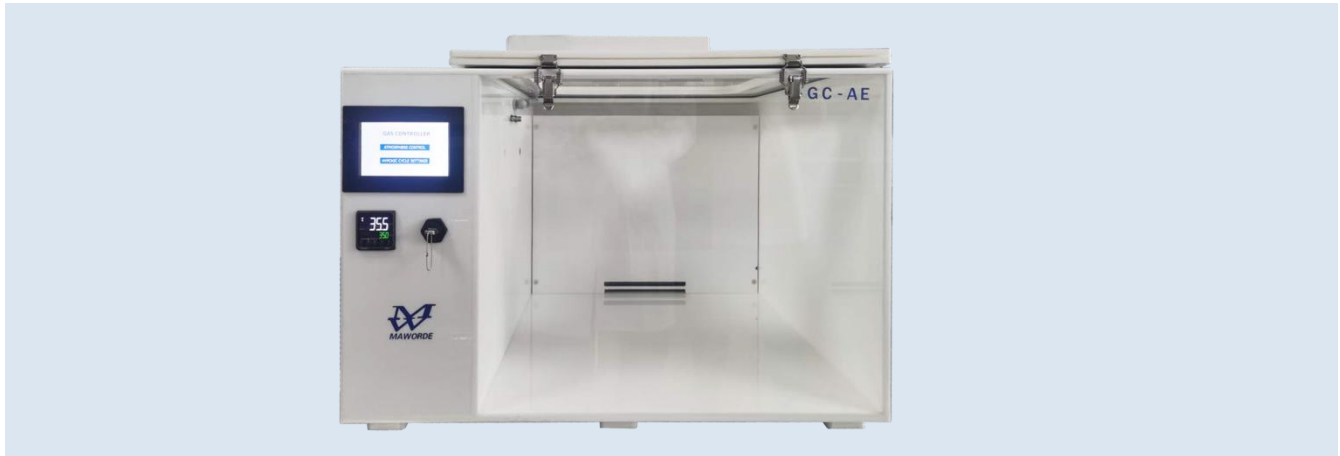
- **Hypoxia Environment Simulation System GC-AR with Integrated xCELLigence Real-Time Cell Analysis RCTA (xDP、DPlus、SP)**



- **Hypoxia Environment Simulation System GC-AM with Integrated xCELLigence Real-Time Cell Analysis RCTA (MP)**



- **Hypoxia Environment Simulation System GC-AE with Integrated xCELLigence Real-Time Cell Analysis RCTA (esight)**



Specifications

- **Incubator Construction** made of acrylic, which retains moisture and temperature inside the incubator.
- **Precise gas control systems:**
 - CO₂ cell culture mode
CO₂ control range: 0.1% to 20.0%, in 0.1% increments.
 - Hypoxic cell culture mode
O₂ control range: 0.1% to 23.0%, in 0.1% increments.
CO₂ control range: 0.1% to 20.0%, in 0.1% increments.
Can set four-stage hypoxia cycle
- **Temperature control range:**
5°C above ambient up to 45°C , in 0.1°C increments
- **One-touch calibration for gas sensors**
- Upward door opening method (thoughtfully equipped with devices that require upward door opening for sampling)
- **Two layers:**
upper layer for integrating relevant instruments, lower layer for culturing
- **Data recording:**
Set per minute, with time, date, O₂ (set/actual) and CO₂ (set/actual)
- **Quick Recovery:**
Quickly restore the cultural environment after opening the door

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