

# HYPOXIA ENCLOSURE FOR MICROPLATE READER

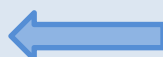
Hypoxia enclosures can simulate the in vivo environment (precise control of oxygen, carbon dioxide, and temperature) for various in vitro cell and microbial assays, provide a physiological hypoxic environment similar to the in vivo environment, ensuring accuracy in cell and microbiome studies.



**Hypoxia Enclosure**



**PerkinElmer Microplate Reader**



The integration ensures that the gas environment is stable and visible.

Cells/microorganisms will be in an environment most similar to their in vivo growth conditions throughout the experiment, reducing the influence of environmental factors and making the results more reliable.

## Specifications

- **Precise gas control systems:**

- CO<sub>2</sub> cell culture mode  
CO<sub>2</sub> control range: 0.1% to 20.0%, in 0.1% increments.
- Hypoxic cell culture mode  
O<sub>2</sub> control range: 0.1% to 23.0%, in 0.1% increments.  
CO<sub>2</sub> control range: 0.1% to 20.0%, in 0.1% increments.  
Can set four-stage hypoxic cycle

- **One-touch sensor calibration:**

Ensures accuracy of O<sub>2</sub> and CO<sub>2</sub> sensor.

- **Data logging system:**

Set per minute, with time, date, O<sub>2</sub> (set/actual) and CO<sub>2</sub> (set/actual)

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