

HYPOXIA ENCLOSURE FOR HIGH-CONTENT IMAGING SYSTEM

The Operetta CLS High Content meets the multifaceted needs of high speed, high sensitivity, and high resolution detection for fine cellular detail imaging.

The integration ensures that the gas environment is stable and visible. Cells and microorganisms will be in an environment most similar to their in vivo growth throughout the experiment, reducing the influence of environmental factors and making the results more reliable.



Specifications

- **Incubator Construction** made of acrylic, which retains moisture and temperature inside the incubator.
- **Removable Panel upper panel**
- **Thoughtful door opening design:** small doors are equipped separately.
- **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 hypoxic cycle
- **One-touch sensor calibration:**
Ensures the accuracy of O₂ and CO₂ sensor
- **Data logging system:**
Set per minute, with time, date, O₂ (set/actual) and CO₂ (set/actual).

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