MAWORDE HYPOXIC SOLUTIONS

1. Hypoxia Workstation DY - Your First Choice

Key Features: Interlock system; Gloveless operation (compatible with lab gloves); Acrylic construction

The system enables precise control of temperature, humidity, and gas concentrations (O_2, CO_2), ensuring an optimal environment for long-term cultures and experimental operations. It is also suitable for integrating equipment to conduct tests within a stable hypoxic environment.

2. Hypoxia Glove Box E - Streamlined for Essential Needs

Key Features: Interlock system; Gloveless operation (compatible with lab gloves); Acrylic construction

Designed as a simplified version of the Hypoxia Workstation DY, this model offers fewer standard features, such as lighting, outlets, sleeve vacuum, and HEPA filtration, which are now available as optional add-ons.

3. Hypoxia Chamber DYR - Flexible Chamber for Diverse Equipment

Key Features: PVC or TPU material; Automatic gas control

Offers flexible size options, allowing accommodation of various equipment without significant cost increase. The larger the setup, the better the cost-effectiveness! Ideal for placing instruments in a hypoxic environment.

4. Hypoxia Incubator GC - For Cell & Tissue Culturing

Key Features: Precise O_2 & CO_2 control;Temperature control; Hypoxia cycle; Data recording
This series provides precise control of O_2 and CO_2 levels, ensuring stable conditions for cell and tissue cultivation. It can be customized to create specialized enclosures for different equipment.

5. Live Cell Observation Mini-Incubator - Long Term Observation

Key Features: Features a modular design with optional control of temperature, humidity, O_2, and CO_2. It can be customized to accommodate different stage sizes, providing an ideal solution for long-term cell observation.

6. Gas Mixer - Designed for Small or Special Chambers

Key Features: Blends pure gases (O_2, CO_2, or N_2) to create specific concentrations and connects to any chamber to establish the desired atmosphere through gas displacement.

7. Micropressure & Hypoxia Incubator - Simulating Realistic In Vivo Conditions

Key Features: Adjustable temperature, humidity, and gas concentrations (O_2, CO_2), with optional pressure control.

7. Gas Controller - Transform Your Current Incubator Into a Hypoxia Incubator

8. Customized Equipment Options

01 Integrated Imaging System: Hypoxia Workstation with Built-in Imaging and Dark Room

Key Features: The Integrated Imaging System combines a high-end imaging setup with a hypoxia workstation, offering essential functions like incubation, cell culture, darkroom, and biosafety cabinet. It includes a built-in shock-proof platform for stable imaging and a HEPA alarm system to ensure cleanliness. With customizable size and flexible bare-hand operation, this system is perfect for fluorescence imaging and simulating anaerobic/hypoxic environments for research.

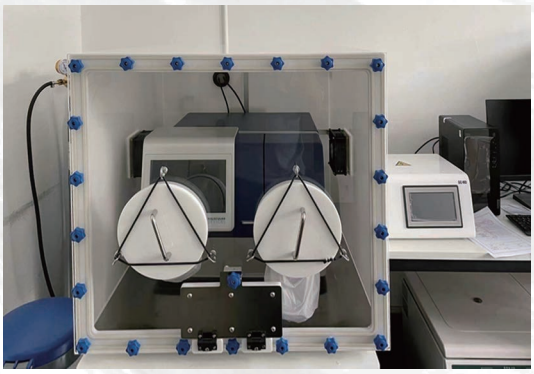
02 Integrated High-Throughput Screening

Key Features: This customized hypoxia chamber integrates high-content capabilities, offering precise control of O_2 and CO_2 concentrations. It supports four-stage gas cycling, providing the ideal hypoxic environment for high-throughput cell drug screening and imaging applications.

03 Integrated ATMS cell stretching system

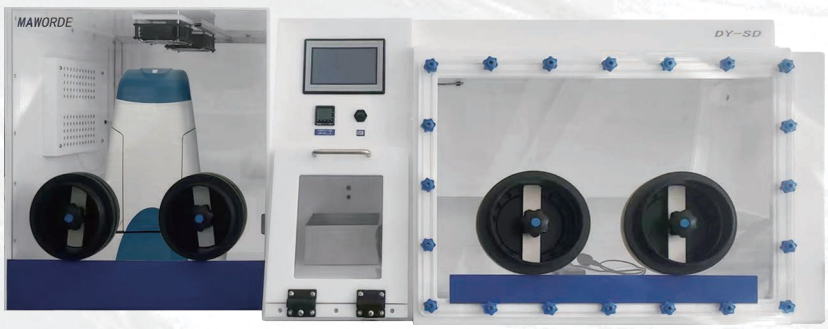
Key Features: This integration provides precise control over O_2, CO_2, temperature, and four-stage gas cycling. This system is designed for studying cellular behavior under mechanical stress in a hypoxic environment.

04 Integrated Microplate Readers



Key Features: This customized enclosure offers precise control of O_2 and CO_2 concentrations, with programmable four-stage gas cycling. It provides the ideal hypoxia environment for detecting cell growth curves and related cytokine levels.

05 Integrated Real-Time Cell Metabolic Analyzer



Key Features: This system offers precise control of oxygen, temperature, and four-stage gas cycling, using semiconductor cooling and dehumidification to maintain the required hypoxia environment for cell energy metabolism detection.

06 Integrated ACEA Real-Time Label-Free Cell Analyzer

Key Features: This hypoxia incubator provides precise control over O_2, CO_2, temperature, and four-stage gas cycling, allowing long-term observation of cell growth and apoptosis processes in a hypoxia environment.

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