# **ANIMAL HYPOXIA GLOVE BOX**



### Cultivation, operation and observation in one place

Provides stable temperature and gas control within the glove box

### Convenient Easy-access Operation System

The sleeves are made of a soft, skin-friendly material and can access the glove box easily and quickly without purge

### Professional Airway Design

The dual design of the glove box's internal air ducts and the professional laminar flow fan at the bottom of the lower partition ensure uniform gas circulation.

#### Efficiency & Reliability

Operation

**System** 

The standard built-in interlock allows easy transfer of animals or supplies into the glove box

## Large Operating Space

The dual workstation (DW-DE) has two spacious areas that allow a variety of monitoring or imaging systems to be integrated inside the workstation, as well as a large number of samples

|                | • O <sub>2</sub> control range:                                     |  |  |
|----------------|---|--|--|
|                | 0.5%-23%, in increments of 0.1%                                     |  |  |
| Specifications | • CO <sub>2</sub> alarm system (optional):                          |  |  |
|                | Avoid high-concentration carbon dioxide that affects the experiment |  |  |
|                | <ul> <li>Temperature range (optional):</li> </ul>                   |  |  |
|                | 5°C above ambient up to 45°C , in 0.1°C increments                  |  |  |

| Standard<br>System   | <ul> <li>Easy-access operation system</li> <li>Activated Carbon Filtration System</li> </ul>   | • Desiccants<br>• Internal Socket   |  |
|----------------------|--|---|--|
| Optional<br>System   | <ul> <li>Direct-access operation system</li> <li>Cylinder Low Pressure Alarm</li> <li>Temperature Control</li> <li>Foot Pedal Interlock Purge</li> <li>HYPA System</li> </ul>  | <ul> <li>Cable Gland</li> <li>Data logging system</li> <li>CO<sub>2</sub> Adsorbent</li> <li>Internal Light</li> <li>Removable Front Panel</li> </ul> |  |
| Application<br>Field | <ul> <li>Respiratory related: sleep apnoea syndrome, hyperoxia hypoxia, pulmonary hypertension</li> <li>Neurological disorders: cerebral ischaemic injury, neurobiology</li> <li>Cardiovascular: myocardial ischaemia and hypoxia</li> <li>Oncology: tumour biology</li> </ul> |   |  |

|                     |             | DW-E | DW-LE | DW-XLE | DW-TME |
|---------------------|-------------|------|-------|--------|--------|
| External Dimension  | Height (mm) | 420  | -     | -      | -      |
|                     | Width (mm)  | 740  | -     | -      | -      |
|                     | Depth (mm)  | 570  | -     | -      | -      |
| Internal Dimension  | Height (mm) | 341  | 420   | 550    | 550    |
|                     | Width (mm)  | 532  | 800   | 760    | 1100   |
|                     | Depth (mm)  | 408  | 460   | 570    | 570    |
| Interlock Dimension | Height (mm) | 255  | 255   | 255    | 255    |
|                     | Width (mm)  | 250  | 250   | 250    | 250    |
|                     | Depth (mm)  | 173  | 173   | 173    | 173    |



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