

# ANIMAL CAGE EXCHANGE STATION

Model INTERJAULA1100

## Introduction

The animal cage exchange station is a booth designed for replacing animal cages in SPF animal rooms, animal experimentation facilities, tissue isolation areas, etc.

It is a double-sided positive-pressure vertical laminar flow cabinet with high-efficiency filtration to prevent animals in the work area from being contaminated by outside air.

It protects the operator from allergens and odors generated during the experiment. Additionally, the double-sided open design facilitates simultaneous operation by multiple people, making it a safety station specially designed for animal experimentation laboratories.



## Features

- Two-way safety protection: With an excellent ventilation system and negative-pressure airflow, it provides two-way safety protection for people, animals, the environment, and objects during the animal cage change process.
- High-quality materials: The work surface is made of 304 stainless steel, which can be quickly disassembled and cleaned of residues.
- Dual-layer filtration system: high-efficiency primary and dual-layer filtration system.
- Control system: LCD touchscreen design, real-time dynamic display of the workstation's airflow velocity.
- Audio and visual alarm: abnormal airflow and filter replacement.

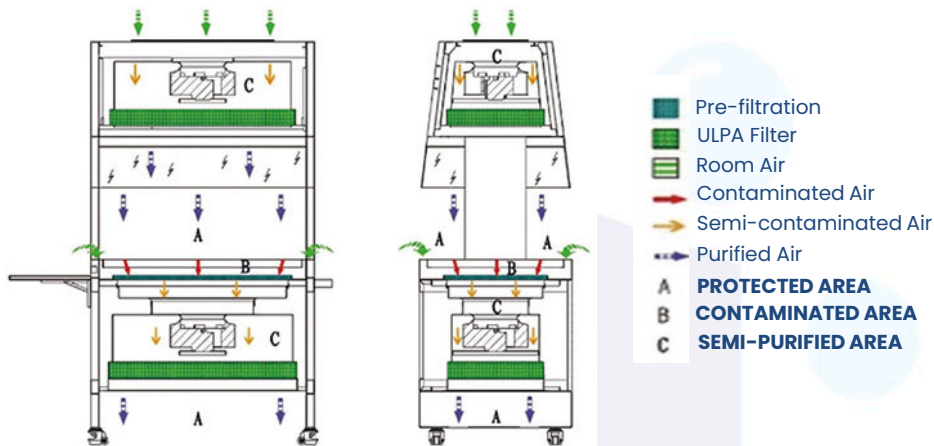
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# ANIMAL CAGE EXCHANGE CABINET

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## Flow Diagram



## Details



### Air grille: Type V

The Type V air grille draws in ambient air and combines it with the vertical laminar downflow to produce an air curtain that protects operators from harmful substances.



### Stainless steel tray

The left side of the workstation is equipped with a stainless steel tray to facilitate the placement of experimental supplies.



### Easy to move

The design of the wheel and side handle makes it very easy to move the unit.



### LCD Touchscreen

Dynamic real-time display:

- Downflow velocity and inlet velocity,
- Total operating time,
- Temperature and humidity, and
- Air supply resistance and exhaust filter resistance.

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### Technical Specifications

MODEL	INTERJAULA-1100
Working Area Dimensions (mm)	1015 x 750 x 585 (width x depth x height)
External Dimensions (mm)	1580 x 750 x 1980 (width x depth x height)
Shipping dimensions (mm)	1550 x 880 x 2295 (width x depth x height)
Weight (kg)	243
Number of sides	Double-sided
Material	Surface constructed of AISI 304 stainless steel
Control system	LCD TOUCH SCREEN
Display	Real-time parameters: flow rate
Pre-filter	F7
Main filter	ULPA absolute filter, 99.9995% mpps efficiency according to EN 1822
Exhaust filter	ULPA absolute filter, 99.9995% efficiency at 0.3 microns per second (mpps) according to EN 1822
Laminar flow	0.25 m/s – 0.50 m/s
Sound level	≤ 65 dB
Lighting	≥ 1000 lux
LED lamps	2 x 12 W
Power	Standard: AC 220 V ±, 50/60 Hz; Optional: AC110V, 60Hz
Max. power consumption without plugs	800 W
Power consumption during operation	200 W
Reduced power consumption	18 W
Number of users	2

### Order Information

Code	Description
425-INTERJAULA-1100	Animal Cage Transfer Booth Model INTERJAULA - 1100

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