

IVC Mouse Cage System

Main Machine



Features:

- * IVC mouse cage system is composed of three parts: cage box, cage frame and main machine.
- * PLC or MCU control, inlet and exhaust fans are well-known domestic brands, stable and reliable operation.
- * With high-precision wind speed pressure difference sensor, temperature and humidity sensor.
- * Built-in UPS, the fan continues working when the external power supply interrupted.
- * With filter timing function to remind users to update the filter.
- * With abnormal parameters alarm, filter life alarm, power failure alarm.
- * Supporting remote monitoring through computer or mobile phone(PLC).

Main Machine Technical Parameters:

Ventilation Rate	10~85 times/h
Airflow Velocity	≤0.1m/s
Air Cleanliness	ISO Level 5
Noise	≤55dB
Colony Number	0
Pressure Difference	≥10pa
Power Supply	110~220V, 50/60Hz
External Size	470*605*1550mm
Package Size	570*705*1700mm
Gross Weight	105kg

Cage Frame



- * Cage frame material is SUS304 stainless steel.
- * The gas pipe and the cage box are connected by a silicone gas nozzle. The inlet and exhaust vents of the cage box and cage frame adopt non-invasive structure.
- * Inlet and exhaust duct can be disassembled for easy cleaning and disinfection.
- * 4 inch PU wear-resistant universal wheel, no scratching PVC floor, flexible movement without noise. The arc angle structure prevents the damage of the during handling.
- * The vertical and horizontal positions of the cage frame are numbered with letters such as A, B, C and numbers such as 1, 2, 3, which is convenient for experiment management.
- * The cage guide rail is made of ABS engineering plastic, and with instructions for cage installation in place (if not in place, there are light instructions to remind the operator).

Cage Box



- * The cage box is composed of plastic base box, box cover, stainless steel mesh cover, drinking bottle and record card. The box cover has exhaust valve, silicone sealing circle and hasp.
- * Base box and cover are molded by PPSU or PSU plastic. PPSU thermal deformation temperature>180℃, steam sterilization for more than 500 times without deformation on condition that 205 kPa, 134℃, 5min. Thermal deformation temperature of PSU material> 150℃, steam sterilization over 200 times without deformation on condition that 205 kPa, 134℃, 5min.
- * The cage box and 500ml drinking bottle are autoclavable.
- * The box cover exhaust outlet is provided with a metal filter (25*50mm) to prevent the dust in the cage from being inhaled the cage frame and blocking the pipeline.
- * The ventilated window is directly connected to the outside world, covered with 0.2μm high efficiency filter membrane, which can be directly washed and autoclavable.
- * After the cage box is removed from the cage frame, the air inlet and exhaust valves of the cage box will automatically close immediately.

Rat IVC Cage System



Introduction:

The rat IVC cage system is composed of intelligent main machine, cage frame, cage box and other parts. It is suitable for feeding and experiment of clean grade or SPF grade less harmful infected rats, especially suitable for raising immunodeficient and transgenic animals, to effectively ensure the safety of operators, animals and the environment.

Technical Parameters:

Model	Cage Number	Cage Frame Size (L*W*H)	Cage Box Size (L*W*H)	Cage Internal Height	Cage Frame & Cage Box Package Size(mm)	Cage Frame & Cage Box Gross Weight
BK-SL500-24 (4*6)	24	1186*540*1945mm	500*274*226mm	≤180mm	1286*640*2095mm	60kg
BK-SL500-30 (5*6)	30	1475*540*1945mm	500*274*226mm	≤180mm	1575*640*2095mm	71kg
BK-SL500-36 (6*6)	36	1764*540*1945mm	500*274*226mm	≤180mm	1864*640*2095mm	82kg

Guinea-pig IVC Cage System



Technical Parameters:

Model	Cage Number	Cage Frame Size (L*W*H)	Cage Box Size (L*W*H)	Cage Frame & Cage Box Package Size(mm)	Cage Frame & Cage Box Gross Weight
BK-SL520-16 (4*4)	16	1638*580*1476mm	520*389*270mm	1738*680*1626mm	72kg
BK-SL520-20 (4*5)	20	1638*580*1781mm	520*389*270mm	1738*680*1931mm	84kg

Mouse IVC Cage System



Introduction:

It is composed of intelligent main machine, cage frame, cage box and so on. It is suitable for feeding and experiment of clean grade or SPF grade less harmful infected mice, to effectively ensure the safety of operators, animals and the environment.

Technical Parameters:

Model	Cage Number	Cage Frame Size (L*W*H)	Cage Box Size (L*W*H)	Cage Frame & Cage Box Package Size(mm)	Cage Frame & Cage Box Gross Weight
BK-SL385-32 (4*8)	32	806*490*1812mm	400*179*166mm	1006*640*2062	68kg
BK-SL385-36 (4*9)	36	806*490*2005mm	400*179*166mm	1006*640*2255	73kg
BK-SL385-40 (5*8)	40	1000*490*1812mm	400*179*166mm	1200*640*2062	77kg
BK-SL385-45 (5*9)	45	1000*490*2005mm	400*179*166mm	1200*640*2255	82kg
BK-SL385-48 (6*8)	48	1194*490*1812mm	400*179*166mm	1394*640*2062	85kg
BK-SL385-54 (6*9)	54	1194*490*2005mm	400*179*166mm	1394*640*2255	90kg
BK-SL385-56 (7*8)	56	1388*490*1812mm	400*179*166mm	1588*640*2062	90kg
BK-SL385-63 (7*9)	63	1388*490*2005mm	400*179*166mm	1588*640*2255	95kg
BK-SL385-64 (8*8)	64	1582*490*1812mm	400*179*166mm	1782*640*2062	100kg
BK-SL385-72 (8*9)	72	1582*490*2005mm	400*179*166mm	1782*640*2255	105kg
BK-SL385-72 (9*8)	72	1776*490*1812mm	400*179*166mm	1976*640*2062	105kg
BK-SL385-81 (9*9)	81	1776*490*2005mm	400*179*166mm	1976*640*2255	110kg
BK-SL385-96 (6*8) -SM	96	1194*890*1812mm	400*179*166mm	1394*1040*2062	105kg
BK-SL385-108 (6*9) -SM	108	1194*890*2005mm	400*179*166mm	1394*1040*2255	115kg
BK-SL385-112 (7*8) -SM	112	1388*890*1812mm	400*179*166mm	1588*1040*2062	115kg
BK-SL385-126 (7*9) -SM	126	1388*890*2005mm	400*179*166mm	1588*1040*2255	125kg
BK-SL385-128 (8*8) -SM	128	1582*890*1812mm	400*179*166mm	1782*1040*2062	126kg
BK-SL385-144 (8*9) -SM	144	1582*890*2005mm	400*179*166mm	1782*1040*2255	136kg
BK-SL385-144 (9*8) -SM	144	1776*890*1812mm	400*179*166mm	1976*1040*2062	146kg

Rabbit IVC Cage System



Technical Parameters:

Model	Cage Number	Cage Frame Size (L*W*H)	Cage Box Size (L*W*H)	Cage Frame & Cage Box Package Size(mm)	Cage Frame & Cage Box Gross Weight
BK-TL520-12 (3*4)	12	1236*580*2026mm	520*385*415mm	1336*680*2176mm	63kg
BK-TL520-16 (4*4)	16	1638*580*2026mm	520*385*415mm	1738*680*2176mm	80kg