

IVC Mouse Cage System

Features:

* IVC mouse cage system is composed of three parts: cage box, cage frame and main machine.

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°C, steam sterilization for more than 500 times without deformation on condition that 205 kPa, 134°C, 5min. Thermal deformation temperature of PSU material> 150°C, steam sterilization over 200 times without deformation on condition that 205 kPa, 134°C, 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



Model -1 Series

Model -2 Series

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 (pc)	Cage Frame Size (L*W*H)mm	Cage Size (L*W*H)mm	Packing Information			
				Main Unit Packing Size (L*W*H)mm	Main Unit Gross Weight(kg)	Cage Frame & Cage Packing Size(L*W*H)mm	Cage Frame & Cage Gross Weight(kg)
BK-IVC-SL500-24(4*6)-1	24	1186*540*1945	500*274*226	754*620*2060	115	1706*670*2162	107
BK-IVC-SL500-30(5*6)-1	30	1475*540*1945	500*274*226	754*620*2060	115	1995*670*2162	126
BK-IVC-SL500-36(6*6)-1	36	1764*540*1945	500*274*226	754*620*2060	115	2284*670*2162	145
BK-IVC-SL500-48(4*6)-2	48	1186*540*1945	500*274*226	754*620*2060	115	1706*1210*2162	205
BK-IVC-SL500-60(5*6)-2	60	1475*540*1945	500*274*226	754*620*2060	115	1995*1210*2162	241
BK-IVC-SL500-72(6*6)-2	72	1764*540*1945	500*274*226	754*620*2060	115	2284*1210*2162	278

Mouse IVC Cage System



Model -1 Series

Model -2 Series

Model -SM-1 Series

Model -SM-2 Series

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 (pc)	Cage Frame Size (L*W*H)mm	Cage Size (L*W*H)mm	Packing Information			
				Main Unit Packing Size (L*W*H)mm	Main Unit Gross Weight(kg)	Cage Frame & Cage Packing Size(L*W*H)mm	Cage Frame & Cage Gross Weight(kg)
BK-IVC-SL385-32(4*8)-1	32	806*490*1812	400*179*166	754*620*2060	115	1326*620*2029	105
BK-IVC-SL385-36(4*9)-1	36	806*490*2005	400*179*166	754*620*2060	115	1326*620*2222	111
BK-IVC-SL385-40(5*8)-1	40	1000*490*1812	400*179*166	754*620*2060	115	1520*620*2029	119
BK-IVC-SL385-45(5*9)-1	45	1000*490*2005	400*179*166	754*620*2060	115	1520*620*2222	125
BK-IVC-SL385-48(6*8)-1	48	1194*490*1812	400*179*166	754*620*2060	115	1714*620*2029	133
BK-IVC-SL385-54(6*9)-1	54	1194*490*2005	400*179*166	754*620*2060	115	1714*620*2222	139
BK-IVC-SL385-56(7*8)-1	56	1388*490*1812	400*179*166	754*620*2060	115	1908*620*2029	143
BK-IVC-SL385-63(7*9)-1	63	1388*490*2005	400*179*166	754*620*2060	115	1908*620*2222	150
BK-IVC-SL385-64(8*8)-1	64	1582*490*1812	400*179*166	754*620*2060	115	2102*620*2029	159
BK-IVC-SL385-72(8*9)-1	72	1582*490*2005	400*179*166	754*620*2060	115	2102*620*2222	165
BK-IVC-SL385-72(9*8)-1	72	1776*490*1812	400*179*166	754*620*2060	115	2296*620*2029	169
BK-IVC-SL385-81(9*9)-1	81	1776*490*2005	400*179*166	754*620*2060	115	2296*620*2222	176
BK-IVC-SL385-96(6*8)-SM-1	96	1194*890*1812	400*179*166	754*620*2060	115	1714*1020*2029	169
BK-IVC-SL385-108(6*9)-SM-1	108	1194*890*2005	400*179*166	754*620*2060	115	1714*1020*2222	180
BK-IVC-SL385-112(7*8)-SM-1	112	1388*890*1812	400*179*166	754*620*2060	115	1908*1020*2029	186
BK-IVC-SL385-126(7*9)-SM-1	126	1388*890*2005	400*179*166	754*620*2060	115	1908*1020*2222	198
BK-IVC-SL385-128(8*8)-SM-1	128	1582*890*1812	400*179*166	754*620*2060	115	2102*1020*2029	204
BK-IVC-SL385-144(8*9)-SM-1	144	1582*890*2005	400*179*166	754*620*2060	115	2102*1020*2222	216
BK-IVC-SL385-144(9*8)-SM-1	144	1776*890*1812	400*179*166	754*620*2060	115	2296*1020*2029	231
BK-IVC-SL385-96(6*8)-2	96	1194*490*1812	400*179*166	754*620*2060	115	1714*1110*2029	256
BK-IVC-SL385-108(6*9)-2	108	1194*490*2005	400*179*166	754*620*2060	115	1714*1110*2222	268
BK-IVC-SL385-112(7*8)-2	112	1388*490*1812	400*179*166	754*620*2060	115	1908*1110*2029	275
BK-IVC-SL385-126(7*9)-2	126	1388*490*2005	400*179*166	754*620*2060	115	1908*1110*2222	288
BK-IVC-SL385-128(8*8)-2	128	1582*490*1812	400*179*166	754*620*2060	115	2102*1110*2029	305
BK-IVC-SL385-144(8*9)-2	144	1582*490*2005	400*179*166	754*620*2060	115	2102*1110*2222	318
BK-IVC-SL385-144(9*8)-2	144	1776*490*1812	400*179*166	754*620*2060	115	2296*1110*2029	325
BK-IVC-SL385-162(9*9)-2	162	1776*490*2005	400*179*166	754*620*2060	115	2296*1110*2222	338
BK-IVC-SL385-192(6*8)-SM-2	192	1194*890*1812	400*179*166	754*620*2060	115	1714*1910*2029	327
BK-IVC-SL385-216(6*9)-SM-2	216	1194*890*2005	400*179*166	754*620*2060	115	1714*1910*2222	351
BK-IVC-SL385-224(7*8)-SM-2	224	1388*890*1812	400*179*166	754*620*2060	115	1908*1910*2029	361
BK-IVC-SL385-252(7*9)-SM-2	252	1388*890*2005	400*179*166	754*620*2060	115	1908*1910*2222	384
BK-IVC-SL385-256(8*8)-SM-2	256	1582*890*1812	400*179*166	754*620*2060	115	2102*1910*2029	396
BK-IVC-SL385-288(8*9)-SM-2	288	1582*890*2005	400*179*166	754*620*2060	115	2102*1910*2222	420
BK-IVC-SL385-288(9*8)-SM-2	288	1776*890*1812	400*179*166	754*620*2060	115	2296*1910*2029	450

Guinea-pig IVC Cage System



Model -1 Series

Model -2 Series

Technical Parameters:

Model	Cage Number (pc)	Cage Frame Size (L*W*H)mm	Cage Size (L*W*H)mm	Packing Information			
				Main Unit Packing Size (L*W*H)mm	Main Unit Gross Weight(kg)	Cage Frame &Cage Packing Size(L*W*H)mm	Cage Frame &CageGross Weight(kg)
BK-IVC-SL520-16(4*4)-1	16	1638*580*1476	520*389*270	754*620*2060	115	2158*710*1693	121
BK-IVC-SL520-20(4*5)-1	20	1638*580*1781	520*389*270	754*620*2060	115	2158*710*1998	142
BK-IVC-SL520-32(4*4)-2	32	1638*580*1476	520*389*270	754*620*2060	115	2158*1290*1693	234
BK-IVC-SL520-40(4*5)-2	40	1638*580*1781	520*389*270	754*620*2060	115	2158*1290*1998	274

Rabbit IVC Cage System



Model -1 Series

Model -2 Series

Technical Parameters:

Model	Cage Number (pc)	Cage Frame Size (L*W*H)mm	Cage Size (L*W*H)mm	Packing Information			
				Main Unit Packing Size (L*W*H)mm	Main Unit Gross Weight(kg)	Cage Frame &Cage Packing Size(L*W*H)mm	Cage Frame &CageGross Weight(kg)
BK-IVC-TL520-12(3*4)-1	12	1236*580*2026	520*385*415	754*620*2060	115	1756*710*2243	116
BK-IVC-TL520-16(4*4)-1	16	1638*580*2026	520*385*415	754*620*2060	115	2158*710*2243	145
BK-IVC-TL520-24(3*4)-2	24	1236*580*2026	520*385*415	754*620*2060	115	1756*1290*2243	223
BK-IVC-TL520-32(4*4)-2	32	1638*580*2026	520*385*415	754*620*2060	115	2158*1290*2243	279