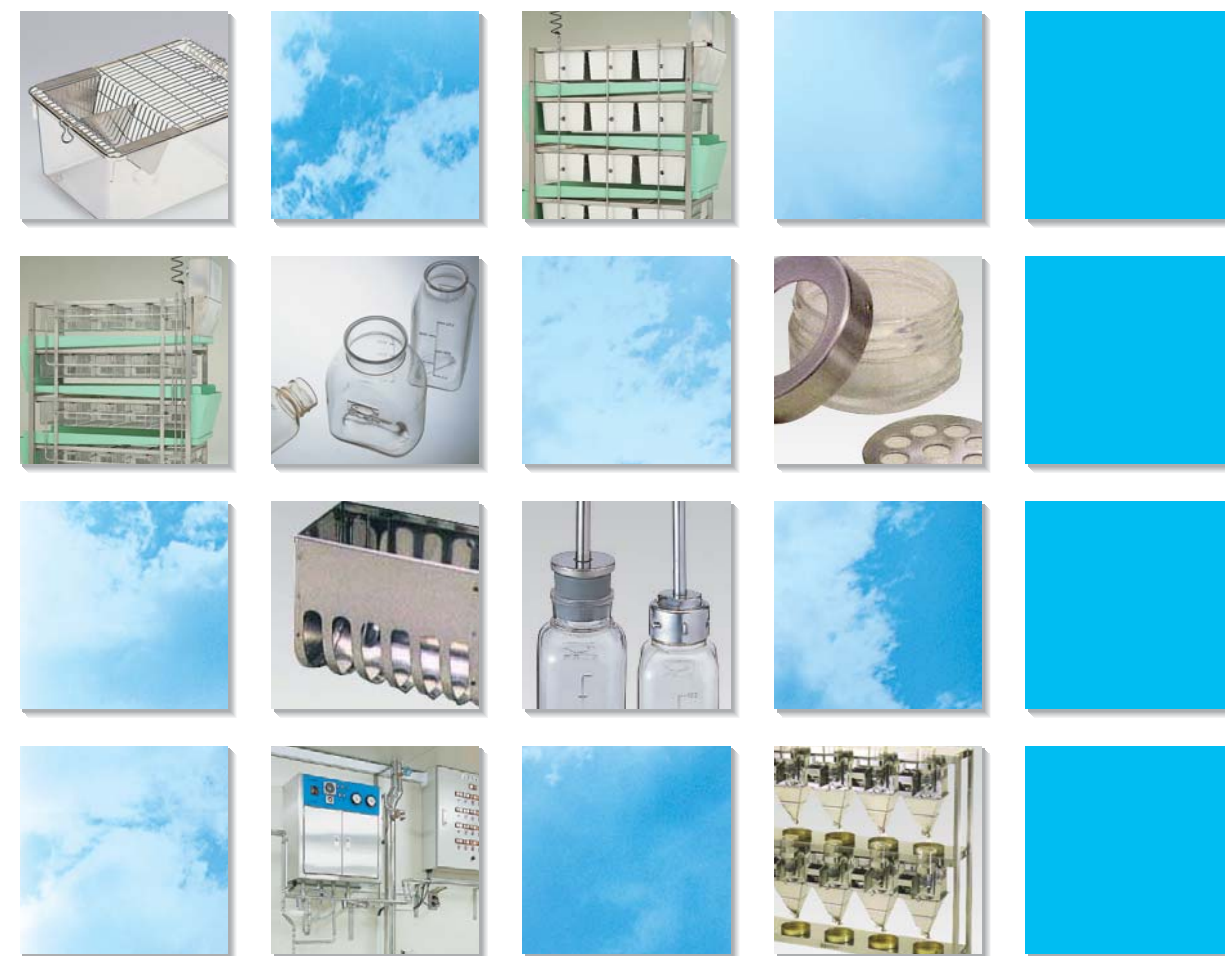




PRODUCTS CATALOG

1

High quality cages are outcome of
our broad experience on animal breeding and handling.



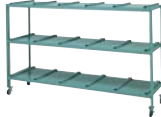
- List of items
- ・Plastic cages
 - ・Metal cages
 - ・Watering bottles,feeding boxes,
and etc.

CLEA Japan has been producing and supplying various experimental animals from the beginning.
In Brochure 1, we introduce a variety of breeding cages, breeding-related devices, and equipments,
which have been designed and improved from our rich experience in production and breeding of the animals.
They are all easy to use and conform to each experimental animal.

CLEA
JAPAN

CLEA
CATALOG

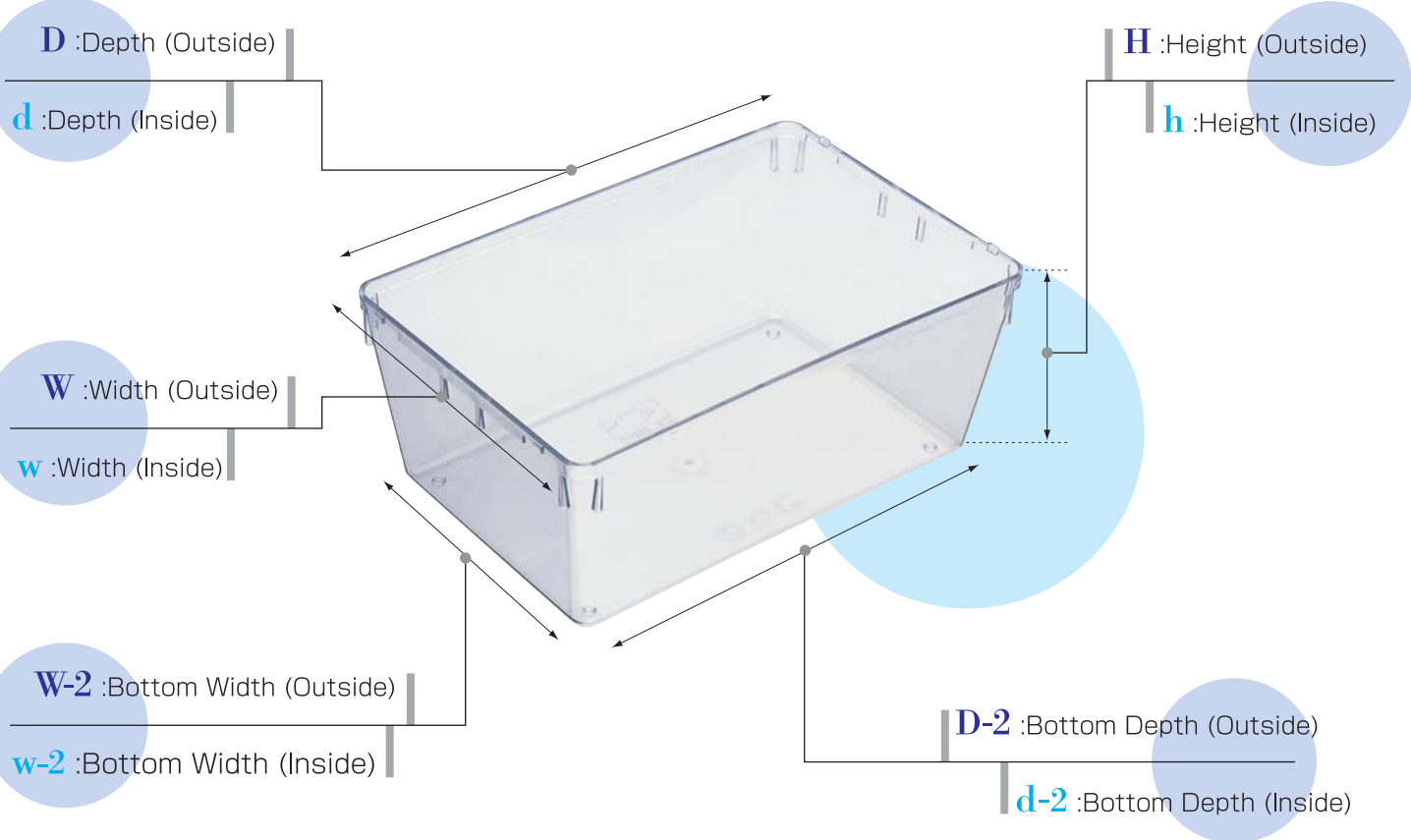
1
Contents

	Plastic cages プラスチックケージ	1-3
	Disposable cage and Filter caps ディスポーザブルケージ・フィルターキャップ	1-12
	Watering bottles, Rubber stoppers, and Watering tubes 給水瓶・ゴム栓・先管	1-13
	Watering bottles, Twist Caps, and Watering tubes ツイスト式給水瓶・先管・シリコンパッキン・止具	1-15
	Automatic watering system and Valves 自動給水システム・自動給水バルブ	1-17
	Ultrafiltration water supply system 限外濾過式飲水装置	1-19
	Breeding shelves 飼育棚	1-20
	Metal cages 金属ケージ	1-21
	Metabolic cages 代謝ケージ	1-24
	Label holders and etc. ラベルホルダー・その他	1-25
	Feeding boxes 給餌器	1-26

Dimensions of Plastic Cages

●Guide to Plastic Cage Descriptions

Outside and inside dimensions (main body only without a lid)



●Dimensions of inside body with bedding (2cm) and height with a watering bottle

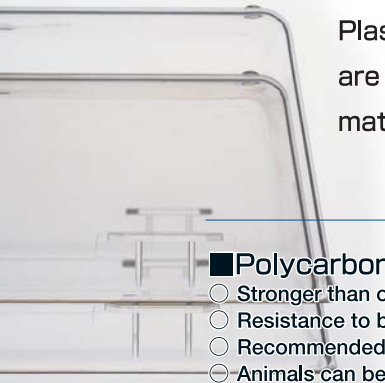


I II III Dimensions of inside body with bedding (2cm). ★ Height with a watering bottle.

W·D·H·W-2·D-2: Dimensions of Outside Body法 w·d·h·w-2·d-2: Dimensions of Inside Body

▲: Cage Overlap (Bottom) I II III: Dimensions of Inside Body with Bedding (2cm) ★: Height with Watering Bottle

Unit:mm	W	D	H	W-2	D-2	w	d	h	w-2	d-2	▲	I	II	III	★
CL-0103-1 Mouse PC	172	240	129	143	216	165	233	122	132	204	40	102	146	217	224
CL-0103-2 Mouse TPX	172	240	129	148	217	165	234	118	133	203	39	98	146	215	223
CL-0103-3 Mouse PSF	173	242	126	148	219	165	235	120	137	206	39	98	149	218	220
CL-0104-1 Clean S-PC	211	319	133	170	276	204	313	127	154	262	31	107	167	273	201
CL-0104-2 Clean S-TPX	213	324	131	174	278	206	317	125	159	263	30	105	171	278	199
CL-0104-3 Clean S-PSF	213	320	130	167	277	207	314	128	159	261	31	108	168	276	198
CL-0105-1 Clean	265	425	155	216	375	256	413	148	224	365	31	128	216	377	196
CL-0106-1 Econ PC	334	385	180	257	308	298	348	174	243	292	29	154	252	307	216
CL-0106-2 Econ TPX	329	379	175	254	303	292	343	173	240	292	28	153	258	305	213
CL-0107 Econ PP	342	385	177	283	336	312	357	172	270	326	67	152	284	338	220
CL-0108-1 Clean 200-PC	263	426	202	224	381	247	409	197	206	365	53	177	219	379	244
CL-0108-2 Clean 200-TPX	263	420	199	220	378	249	405	196	204	363	52	176	218	377	241
CL-0108-3 Clean 200-PSF	263	420	199	220	378	249	405	196	204	363	52	176	218	377	241
CL-0112-2 Mouse Hi-TPX	157	244	145	120	212	140	231	141	107	203	36	121	117	209	236
CL-0112-3 Mouse Hi-PSF	159	246	147	124	217	142	232	142	109	203	36	121	121	214	241
CL-0113-1 Mouse S-PC	125	199	113	107	180	120	194	112	95	167	36	92	105	178	164
CL-0113-4 Mouse S-PP	124	198	112	103	177	118	192	109	95	164	35	89	103	175	164
CL-0113-2 Mouse S-TPX	126	197	111	107	180	121	192	110	96	167	36	90	105	177	164
CL-0113-3 Mouse S-PSF	125	200	113	107	180	120	195	108	96	168	36	88	105	178	165
CL-0123-3 White PSF	182	250	139	125	149	164	242	132	134	212	45	112	148	224	236
CL-0124 White S	226	331	133	172	280	198	310	131	157	269	31	111	172	283	200
CL-0125 White L	280	435	152	218	374	255	411	146	201	356	33	126	218	379	196
CL-0126 White Econ	327	391	178	253	301	296	346	173	240	288	43	153	250	302	214
CL-0128 White 200	277	426	203	221	376	250	400	200	203	363	52	180	217	378	244
CL-0131 Mouse F	202	273	143	145	207	118	241	129	132	195	75	209	146	203	228
CL-0132 Mouse R	191	441	139	155	405	165	410	135	149	398	76	115	160	408	170
CL-0133 Card Cage	169	376	145	125	328	143	353	141	115	315	55	121	124	328	195
CL-0135 KY Cage-1	177	328	140	139	293	165	281	139	124	278	36	119	138	293	192
CL-0136 KY Cage-2	223	325	144	183	294	211	314	138	166	277	36	118	184	294	190



Plastic cages developed by CLEA Japan are made of four different kinds of materials as listed below:

- Polycarbonate ————— P C
- Polypropylene ————— P P
- Polyolefin ————— TPX
- Polysulfone ————— PSF

■ Polycarbonate Plastic: PC

- Stronger than other plastic with excellent impact-resistance
- Resistance to both heat and cold with wide temperature range for handling from -100℃ to +110℃
- Recommended to disinfect it at 100℃
- Animals can be easily observed from the outside through its high transmissivity (>90%)

■ Polypropylene Plastic: PP

- Excellent impact-resistance
- Recommended to disinfect it at 100℃, though 110℃ is the maximum allowed temperature

■ Polyolefin Plastic: TPX

- Excellent heat-resistance. No significant deterioration with temperature changes and long life even under repeated disinfection at 121℃.
- Excellent chemical resistance. No clouded deterioration is observed by urinary ammonia.
- Light weight. Animals can be easily observed from the outside through its high transmissivity.

■ Polysulfone Plastic: PSF

- High elasticity and tensile strength
- Excellent tolerance to alkali, inorganic acid, and salt solutions. No significant deterioration with detergent or hydrocarbon under high temperature.
- Unsuitable for polar organic solvents.
- No physical change even with long-term usage under high temperature.
- Repeated autoclaving is possible. No deterioration of material or surface luster with automatic washing.



Body Materials

●Materials / PC : Polycarbonate, PP : Polypropylene, TPX : Polyolefin, PSF : Polysulfone

Model Number	Model Name	Materials				Page Number
		PC	PP	TPX	PSF	
CL-0103-1	Mouse PC	●				1-7
CL-0103-2	Mouse TPX			●		1-7
CL-0103-3	Mouse PSF				●	1-7
CL-0104-1,2,3	Clean S	●		●	●	1-7
CL-0105-1	Clean	●				1-8
CL-0106-1,2	Econ PC,TPX	●		●		1-8
CL-0107	Econ		●			1-8
CL-0108-1,2,3	Clean 200	●		●	●	1-8
CL-0112-2,3	Mouse Hi			●	●	1-9
CL-0113-1,2,3,4	Mouse S	●	●	●	●	1-9
CL-0123-3	White PSF				●	1-10
CL-0124	White S				●	1-10
CL-0125	White L				●	1-10
CL-0126	White Econ				●	1-10
CL-0128	White 200				●	1-10
CL-0131	Mouse F	●				1-11
CL-0132	Mouse R				●	1-11
CL-0133	Card Cage			●		1-11
CL-0135	KY Cage-1			●		1-11
CL-0136	KY Cage-2			●		1-11
CL-0137	M-1				●	1-6
CL-0138	M-2				●	1-6
CL-0139	M-3				●	1-6
CL-0140	M-4				●	1-6
CL-0141	M-5				●	1-6
CL-0142	R-1				●	1-6
CL-0143	R-2				●	1-6

●Display size of a plastic cage is maximum dimensions with a lid.



CL-0137 M-1

Dimensions / 144×234×147mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



CL-0138 M-2

Dimensions / 184×332×147mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



CL-0139 M-3

Dimensions / 332×374×147mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



CL-0140 M-4

Dimensions / 185×290×160mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



CL-0141 M-5

Dimensions / 235×353×160mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



CL-0142 R-1

Dimensions / 247×355×198mm
Materials / Main body:PSF Lid:Stainless steel
Application / Rat rearing



CL-0143 R-2

Dimensions / 355×499×198mm
Materials / Main body:PSF Lid:Stainless steel
Application / Rat rearing

Polysulphone
Materials

●Display size of a plastic cage is maximum dimensions with a lid.



CL-0104-1 Clean S-PC

Dimensions / 225×338×140mm
Materials / Main body:PC Lid:Stainless steel
Application / Mouse rearing



CL-0104-2 Clean S-TPX

Dimensions / 225×338×140mm
Materials / Main body:TPX Lid:Stainless steel
Application / Mouse rearing



CL-0104-3 Clean S-PSF

Dimensions / 225×338×140mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing



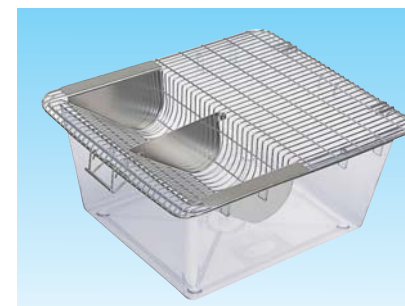
CL-0105-1 Clean-PC

Dimensions / 282×451×157mm
Materials / Main body:PC Lid:Stainless steel
Application / Mouse rearing



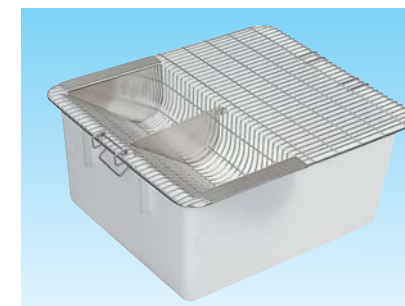
CL-0106-1 Econ PC

Dimensions / 345×403×177mm
Materials / Main body:PC Lid:Stainless steel
Applications / Mouse, Rat, and Hamster rearing



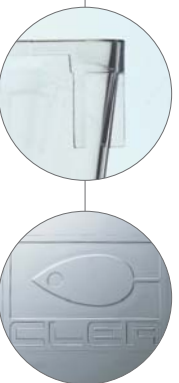
CL-0106-2 Econ TPX

Dimensions / 345×403×177mm
Materials / Main body:TPX Lid:Stainless steel
Applications / Mouse, Rat, and Hamster rearing



CL-0107 Econ

Dimensions / 345×403×177mm
Materials / Main body:PP (Semi-transparent) Lid:Stainless steel
Applications / Mouse, Rat, and Hamster rearing



CL-0108-1 Clean 200-PC

Dimensions / 276×445×204mm
Materials / Main body:PC Lid:Stainless steel
Applications / Rat breeding and rearing, Hamster rearing



CL-0108-2 Clean 200-TPX

Dimensions / 276×445×204mm
Materials / Main body:TPX Lid:Stainless steel
Applications / Rat breeding and rearing, Hamster rearing
※Production on orders. Please Contact us.



CL-0108-3 Clean 200-PSF

Dimensions / 276×445×204mm
Materials / Main body:PSF Lid:Stainless steel
Applications / Rat breeding and rearing, Hamster rearing
※Production on orders. Please Contact us.



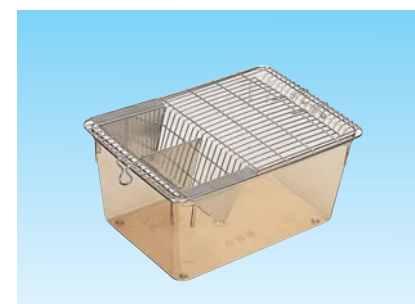
CL-0103-1 Mouse PC

Dimensions / 182×260×128mm
Materials / Main body:PC Lid:Stainless steel
Application / Mouse rearing



CL-0103-2 Mouse TPX

Dimensions / 182×260×128mm
Materials / Main body:TPX Lid:Stainless steel
Application / Mouse rearing



CL-0103-3 Mouse PSF

Dimensions / 182×260×128mm
Materials / Main body:PSF Lid:Stainless steel
Application / Mouse rearing

●Display size of a plastic cage is maximum dimensions with a lid.



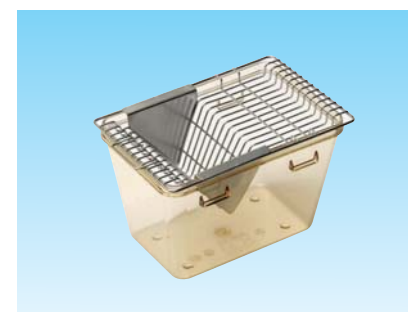
CL-0112-2 Mouse Hi-TPX

Dimensions / 155×245×148mm
Materials / Main body:TPX Lid: Stainless steel
Application / Mouse rearing



CL-0112-3 Mouse Hi-PSF

Dimensions / 155×245×148mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0122 White SS-PSF

Dimensions / 137×215×133mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0123-3 White PSF

Dimensions / 190×245×130mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0113-1 Mouse S-PC

Dimensions / 136×208×115mm
Materials / Main body:PC Lid: Stainless steel
Application / Mouse rearing



CL-0113-4 Mouse S-PP

Dimensions / 136×208×115mm
Materials / Main body:PP Lid: Stainless steel
Application / Mouse rearing



CL-0124 White S-PSF

Dimensions / 225×338×140mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0125 White L-PSF

Dimensions / 282×451×157mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0113-2 Mouse S-TPX

Dimensions / 136×208×115mm
Materials / Main body:TPX Lid: Stainless steel
Application / Mouse rearing



CL-0113-3 Mouse S-PSF

Dimensions / 136×208×115mm
Materials / Main body:PSF Lid: Stainless steel
Application / Mouse rearing



CL-0126 White Econ-PSF

Dimensions / 345×403×177mm
Materials / Main body:PSF Lid: Stainless steel
Applications / Mouse breeding, Hamster rearing



CL-0127 White 200S-PSF

Dimensions / 225×338×185mm
Materials / Main body:PSF Lid: Stainless steel
Application / Rat rearing



CL-0128 White 200-PSF

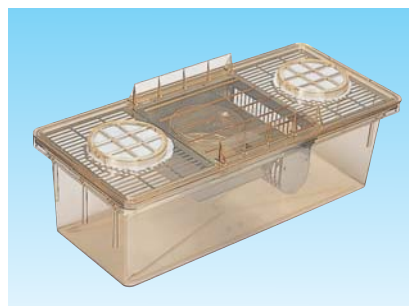
Dimensions / 276×445×204mm
Materials / Main body:PSF Lid: Stainless steel
Applications / Rat breeding and rearing, Hamster rearing



●Display size of a plastic cage is maximum dimensions with a lid.

CL-0131 Mouse F-PC

Dimensions / 210×300×225mm
Materials / Main body: PC Lid: Stainless steel
Top lid: Stainless steel Filter: Nonwoven fabric
Application / Mouse rearing



CL-0132 Mouse R-PSF

Dimensions / 200×450×170mm
Materials / Main body: PSF Lid: Stainless steel
Top lid: Stainless steel Filter: Nonwoven fabric
Application / Mouse rearing (For exclusive rack)



CL-0133 Card Cage

Dimensions / 173×385×148mm
Materials / Main body: TPX Lid: Stainless steel
Application / Mouse rearing



CL-0135 KY Cage-1

Dimensions / 183×340×148mm
Materials / Main body: TPX Lid: Stainless steel
Application / Mouse rearing



CL-0136 KY Cage-2

Dimensions / 227×340×148mm
Materials / Main body: TPX Lid: Stainless steel
Application / Mouse rearing

Feature of Disposable Cage

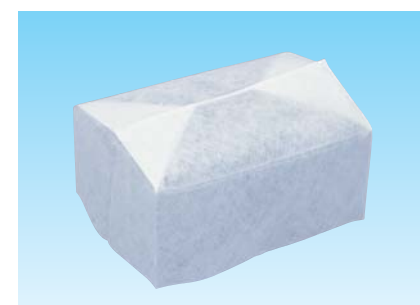
- It consists of nonpolluting plastic “Riffel sheet” and can be easily incinerated.
- It doesn't cause damage to incinerators due to the relatively lower energy generated at incineration. A generating energy of “Riffel sheet” at incineration is from 6,000 to 7,000 kcal, whereas that of polyethylene resin is 11,500 kcal.
- It can be used in the temperature range from -30℃ to +120℃. It is recommended to disinfect it at +100℃.



CL-4410

Disposable Cage No.1

Dimensions / 175×245×125mm
Application / Mouse rearing
200 pieces / lot.
※Use fitting type wire bar lids for mouse(No.4 lid).



CL-4150 Filter Cap (without window)



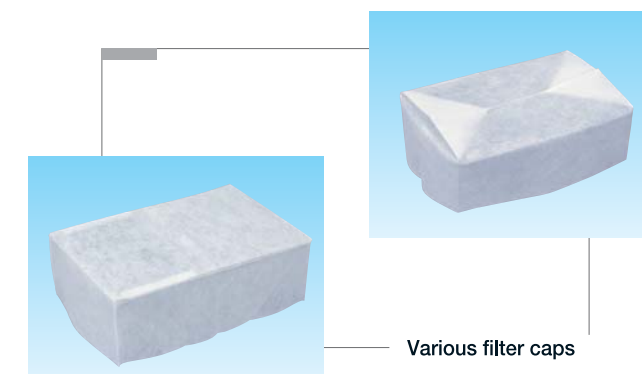
CL-4156-W Filter Cap (with window)

■ Specification of Filter Caps

All the materials are nonwoven fabric.

Model Number	Cage Name
CL-4150	Mouse PC, Mouse TPX, White PSF
CL-4151	Clean S, Mouse TPX, White S
CL-4152	Clean, Clean 200, White L, White 200
CL-4153	Econ PC, Econ, White Econ
CL-4156	Mouse S
CL-4157	Mouse Hi

※Replace a filter cap and autoclave it, every time when a cage is replaced.
Discard the filter cap after using it for two to three times under normal condition.
(Only for CLEA's plastic cages)



Various filter caps

Watering Bottle Packages

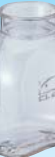
Package Name

Package Number
..... with a watering tube

 CL-0913 100cc.	 CL-0904 200cc.	 CL-0908 200cc.	 CL-0917 250cc.	 CL-0937 500cc.	 CL-0925 400cc.	 CL-0910 500cc.
CK-100 CL-0911 with K-1 CL-0912 with K-2 CL-0913 with K-11 CL-0914 with K-12	CK-200 CL-0902 with K-1 CL-0903 with K-2 CL-0904 with K-11 CL-0905 with K-12	CM-200 CL-0906 with K-1 CL-0907 with K-2 CL-0908 with K-11 CL-0909 with K-12	CK-250 CL-0915 with K-1 CL-0916 with K-2 CL-0917 with K-11 CL-0918 with K-12	CK-500 CL-0935 with K-1 CL-0936 with K-2 CL-0937 with K-11 CL-0938 with K-12	CU-400 CL-0925 with U-12	CU-500 CL-0926 with U-11 CL-0910 with U-12

Main Bodies

※Please contact us for further information

 CL-2701 Dimensions/50×50×95mm Material/Polycarbonate ※Polysulfone	 CL-2702 Dimensions/55×50×140mm Material/Polycarbonate ※Polysulfone	 CL-2703 Dimensions/75×85mm Material/Polycarbonate ※Polysulfone	 CL-2704 Dimensions/55×55×135mm Material/Polycarbonate ※Polysulfone	 CL-2708 Dimensions/95×80×135mm Material/Polycarbonate ※Polysulfone	 CL-2705 Dimensions/85×50×130mm Material/Polycarbonate ※Polysulfone	 CL-2706 Dimensions/80×175mm Material/Polypropylene
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Rubber Stoppers

※Please contact us for further information

 CL-2720(CG-2G) Material/Butyl ※Silicon	 CL-2721(CG-2M) Material/Butyl ※Silicon	 CL-2722(CG-25) Material/Butyl ※Silicon	 CL-2721(CG-2M) Material/Butyl ※Silicon	 CL-2723(CG-40) Material/Silicon	 CL-2725 CL-2726
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Watering Tubes



Glass

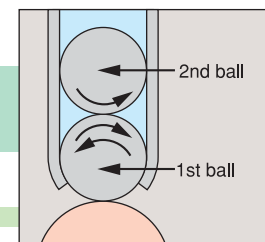
CL-2740-4 K-1
Dimensions/8φ×60/80
CL-2741 K-2
Dimensions/8φ

Stainless steel

CL-2742-1
CL-2742-2 K-11
Dimensions/8φ×70
8φ×80
CL-2743 K-12
Dimensions/8φ

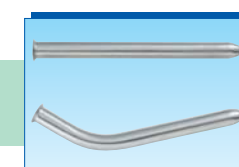
Stainless steel watering tube with balls

CL-2746-1 TD-100
Dimensions/8φ×65
CL-2746-2 TD-101
Dimensions/8φ×90
CL-2747-1 TD-200
Dimensions/8φ×1
CL-2747-2 TD-300
Dimensions/8φ×100



Features of watering tube with balls

- Reducing water leaks
- Preventing water contamination
- Easy to handle



Stainless steel

CL-2744 U-11
Dimensions/10φ×120
CL-2745 U-12
Dimensions/10φ

About inspection for rubber stoppers of watering bottles

A mixture of butyl rubber and EPDM (ethylene propylene terpolymer) is used for rubber stoppers, CG-2G, CG-2M, and CG-25. The rubber stoppers can be used safely for various tests, since each lot of the materials is carefully inspected for the items listed below based on Japanese Pharmacopoeia.

- PH
- Transmissivity of visible parts
- Reducing substance of potassium permanganate
- Ultraviolet absorption spectrum
- Bubbling, appearance, size, and etc.

Watering Bottle Packages

Package Name

Package Number
..... with a watering tube

 CL-0964 100cc.	 CL-0944 200cc.	 CL-0954 400cc.	 CL-0975 400cc.	 CL-0948 200cc.
CK-100S CL-0962 with K-1 CL-0963 with K-2 CL-0964 with K-11 CL-0965 with K-12	CK-200S CL-0942 with K-1 CL-0943 with K-2 CL-0944 with K-11 CL-0945 with K-12	CK-400S CL-0952 with K-1 CL-0953 with K-2 CL-0954 with K-11 CL-0955 with K-12	CU-400S CL-0972 with K-1 CL-0973 with K-2 CL-0974 with K-11 CL-0975 with K-12	CM-200S CL-0946 with K-1 CL-0947 with K-2 CL-0948 with K-11 CL-0949 with K-12

Main Bodies

※Please contact us for further information

 CL-2710 Dimensions / 50×50×95mm Material / Polysulfone	 CL-2707 Dimensions / 50×50×140mm Material / Polysulfone	 CL-2709 Dimensions / 65×60×155mm Material / Polysulfone	 CL-2715 Dimensions / 85×50×135mm Material / Polysulfone	 CL-2711 Dimensions / 75×85mm Material / Polysulfone
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Caps



CL-2724

※Please specify a watering tube when you order CL-2724.



CL-2731

Silicon Packing Stopper



CL-2728

Watering Tubes



Glass

CL-2740-4 K-1
Dimensions / 8φ×60 / 80

CL-2741 K-2
Dimensions / 8φ

Stainless steel

CL-2742-1 K-11
CL-2742-2 K-11
Dimensions / 8φ×70
8φ×80

CL-2743 K-12
Dimensions / 8φ

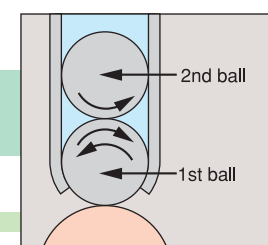
Stainless steel watering tube with balls

CL-2746-1 TD-100
Dimensions / 8φ×65

CL-2746-2 TD-101
Dimensions / 8φ×90

CL-2747-1 TD-200
Dimensions / 8φ×100

CL-2747-2 TD-300
Dimensions / 8φ×100



Features of watering tube with balls

- Little water leak
- Prevents contamination of water
- Easy to handle



•Example of the use of refilling machine.



Automatic Watering System

There are two ways of watering experimental animals. One is to use automatic watering system and another is to use watering bottles. It is safer and more economical to use the watering bottles to supply water when used in a small breeding room or supplying water with medicines.

However, the automatic watering system become more common recently when the number of breeding animals increases and facilities are expanded whereas only a limited number of caretakers is allowed.

The automatic watering system is the series of systems consisting of a primary water supply, aqua-filters to purify supplied water by removing floating dusts and impurities and to reduce water pressure adequately, and automatic watering valves to supply water to the animals.



•Example of installation



•Example of installation

Automatic Watering System & Valve

Automatic Watering Valves

The most important part of the automatic watering system is the valve from which animals drink supplied water. Various kinds of valves are tailored to animal species and breeding equipments, and designed and manufactured precisely to maintain proper operating condition.

※When it is connected to primary water supply directory, please decompress water pressure to 0.02 to 0.03Mpa with a reducing valve, and supply water to each shelf through water filters.

Specifications of automatic watering valve

Model Number	Form	Dimensions (mm)	Material	Applications	Notes
CL-2750	CV-88	11φ×42	Stainless Steel	Mice, Rats, Rabbits, Guinea pigs and Monkeys.	Water quantity is controllable
CL-2751	CV-880	11φ×31		Mice, Rats	
CL-2752	CGV-40	14φ×58			
CL-2753	TV-25	4.7φ×65	Stainless Steel (With Tube)	Mice, Rats	Can be assembled disassembled
CL-2755	CTV-60	6.0φ×60	Stainless Steel and Brass	Dogs, Pigs	Water quantity is controllable
CL-2757	CV-99	22φ×98		To Connection	With stopper valves on both ends
CL-2780	One Touch Joiner	15φ×62	Stainless Steel	For Tube Valves	With a stopper valve
CL-2781	Tube Joiner	5φ×57			

Automatic Watering Valves

Grommets for various nozzles

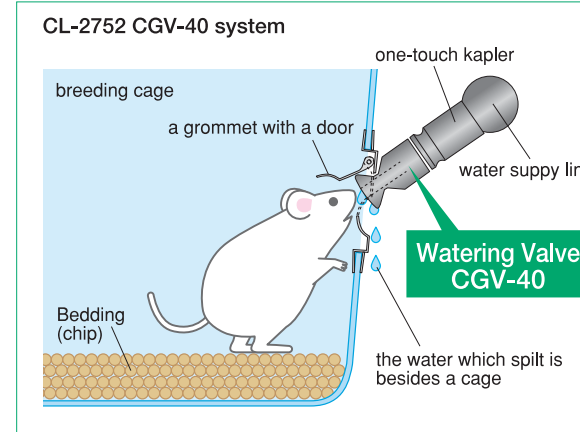


Pen Clip
CL-2755 for CTV-60

M Clip
CL-2755 for CTV-60



CGV-40



CL-2767 Valves manufactured by Edestrom

- 1400 Standard (almighty type)
- 1410 Stem Guard (for guinea pig)
- 1430 For bias
- 1455 Barb Front clip (exclusive for flexible tube watering)
- 1455 Pen Grip (exclusive for flexible tube watering)
- 1455 Barb (exclusive for flexible tube watering)



Features of Ultrafiltration Water Supply System

Ultrafiltration membrane (UF membrane, membrane diameter is 0.005 micron meter) can completely remove those molecular with more than 30,000 molecular weight, such as, trypsin inhibitor, ovalbumin, hemoglobin, various virus, pyrogen, and bacteria.

The Membranes are made of hollow fiber fillform polyether-sulfone that has excellent heat and chemical resistance second only to Teflon. Piping system can be disinfected by filling boiling water, alcohol, or formalin through the system.

Filtration system adopts a cross-joint flow filtration system. The membranes are periodically and automatically washed by the system and human intervention is not required for

maintenance.

Chorine passes the membranes and it is not necessary to refill it to the filtered water.

It can reduce running cost and improve operational efficiency since all you have to do is to autoclave watering bottles and fill water.

Options

- CL-2791 Dedicated sink cabinet
- CL-2792 Chemical adding device
- CL-4010 Water filling device



CL-2790
Ultrafiltration Water Supply System
Dimensions/550mm W×280mm D×600mm H
Material/Stainless steel

Specifications

Dimensions	550mm W×280mm D×600mm H
Material of Main Body	SUS-304
Processing Method	Ultrafiltration Membrane Separation
Separation Membrane	Hollow Filter FUS-353
Primary Water Pressure	0.1MPa~0.4MPa
Membrane Cleaning Method	Automatic flushing (Switchable to manual mode)
Operation Mode	Automatic timer (Switchable to manual mode)
Primary Power Supply	AC100V 1A
Weight	About15kg

※ Specifications are subject to change without notice.



•Example of installation

Specifications of breeding shelves

※Ask our customer service for "Stainless Steel Shelf" and "Extra Standard"

Specifications of breeding shelves		Made of steel and coating finished (CL-2943 and 2930 are made of stainless steel)	
CL-2909	Dedicated Cages	9Rows×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF) 8Rows×6Shelves CL-0133 (Card Cage)
For Mice, Rats and Guinea pigs		6Rows×6Shelves	CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0131 (Mouse F) CL-0135 (KY Cage-1)
Dimensions (mm): W1,330×D330×H1,500		5Rows×6Shelves	CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		4Rows×6Shelves	CL-0105 (Clean) CL-0125 (White L)
		3Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2910	Dedicated Cages	10Rows (W) ×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF)
For Mice, Rats and Guinea pigs		8Rows (W) ×6Shelves	CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0133 (Card Cage)
Dimensions (mm): W1,540×D330×H1,500		7Rows×6Shelves	CL-0131 (Mouse F) 6Rows×6Shelves CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		5Rows×6Shelves	CL-0105 (Clean) CL-0125 (White L)
		4Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2911	Dedicated Cages	10Rows×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF) CL-0133 (Card Cage)
For Mice, Rats and Guinea pigs		8Rows×6Shelves	CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0135 (KY Cage-1)
Dimensions (mm): W1,540×D500×H1,500		7Rows×6Shelves	CL-0131 (Mouse F) 6Rows×6Shelves CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		5Rows×6Shelves	CL-0105 (Clean) CL-0125 (White L)
		4Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2912	Dedicated Cages	10Rows×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF) CL-0133 (Card Cage)
For Mice, Rats and Guinea pigs		9Rows×6Shelves	CL-0112 (Mouse Hi TPX•PSF) 8Rows×6Shelves CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0135 (KY Cage-1)
Dimensions (mm): W1,540×D400×H1,590		7Rows×6Shelves	CL-0131 (Mouse F) 6Rows×6Shelves CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		5Rows×6Shelves	CL-0105 (Clean) CL-0108 (Clean 200 TPX•PSF) CL-0125 (White L) CL-0128 (White 200)
		4Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2913	Dedicated Cages	10Rows×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF) CL-0133 (Card Cage)
For Mice, Rats and Guinea pigs		9Rows×6Shelves	CL-0112 (Mouse Hi TPX•PSF) 8Rows×6Shelves CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0135 (KY Cage-1)
Dimensions (mm): W1,540×D400×H1,510		7Rows×6Shelves	CL-0131 (Mouse F) 6Rows×6Shelves CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		5Rows×6Shelves	CL-0105 (Clean) CL-0108 (Clean 200 TPX•PSF) CL-0125 (White L) CL-0128 (White 200)
		4Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2916	Dedicated Cages	10Rows×6Shelves	CL-0113 (Mouse S PC•PP•TPX•PSF) CL-0133 (Card Cage)
For Mice, Rats and Guinea pigs		9Rows×6Shelves	CL-0112 (Mouse Hi TPX•PSF) 8Rows×6Shelves CL-0103 (Mouse PC•TPX•PSF) CL-0123 (White PSF) CL-0135 (KY Cage-1)
Dimensions (mm): W1,540×D400×H1,460		7Rows×6Shelves	CL-0131 (Mouse F) 6Rows×6Shelves CL-0104 (Clean S PC•TPX•PSF) CL-0124 (White S) CL-0136 (KY Cage-2)
		5Rows×6Shelves	CL-0105 (Clean) CL-0108 (Clean 200 TPX•PSF) CL-0125 (White L) CL-0128 (White 200)
		4Rows×6Shelves	CL-0106 (Econ PC•TPX) CL-0107 (Econ PP) CL-0126 (White Econ)
CL-2917	For Rabbits	Dimensions (mm): W1,800×D510×H1,260	Dedicated Cages 4Rows×3Shelves CL-0220 (CU-3)
CL-2918		Dimensions (mm): W2,050×D510×H1,260	Dedicated Cages 5Rows×3Shelves CL-0221 (CU-2)
CL-2914	For Cats	Dimensions (mm): W1,850×D510×H1,350	Dedicated Cages 4Rows×3Shelves CL-0240 (CCA-2)
CL-2915		Dimensions (mm): W2,280×D510×H1,350	Dedicated Cages 5Rows×3Shelves CL-0241 (CCA-5)
CL-2943	For Pyrogen	Dimensions (mm): W1,040×D400×H1,500	Dedicated Cages 5Rows×3Shelves CL-4523-5 Fixator for rabbit's collar
CL-2930	For Dryer	Dimensions (mm): W1,500×D510×H1,490	Dedicated Cages 4Shelves For any kind of cages



CL-2910 Breeding Shelf
CL-2918 Breeding Shelf
CL-2930 Drying Shelf



CL-2943 Shelf for Pyrogen
CL-2950 Erector Shelf
CL-2951 Super Erector Shelf

Dimension of Erector Shelves (mm)

Model Number	W	D	H
CL-2950-1	610	310	800
	760		1,320
	910		1,580
	1,070		1,830
	1,220		1,830
CL-2950-2	610	460	800
	760		1,320
	910		1,580
	1,070		1,830
	1,220		1,830
CL-2951-1	610	460	800
	760		1,390
	910		1,590
	1,070		1,900
	1,220		2,200
CL-2951-2	610	610	800
	760		1,390
	910		1,590
	1,070		1,900
	1,220		2,200

※ Several combinations of width, depth, and height are available.
Dolly casters are optional.
Casters (phai 125) with front-side stoppers are standard.

About appropriate number of animals in a breeding cage

In the case of group caging, it is necessary to decide the proper number of animals in a cage before starting experiments. It is reasonable to reduce the number of animals in a cage as their age and weight increase. Please refer to the following tables for a recommended number of animals in a cage.

■Note

Our cages are designed for animals to be as comfortable as possible. You can refer the following tables indicating model names and purposes to see which cage is suitable for each animal.

■Mice (Per cage, Unit: the number of animals)

※Relation between age and weight is based on Jcl:ICR.

Model Number	Model Name	Age in week 3~4w	5~6w	7w and older	Applications
		Weight 10~20g	20~30g	30g and up	
CL-0113	Mouse S PC・PP・TPX・PSF	1			Carcinogenicity
CL-0103・0123	Mouse PC・TPX・PSF, White PSF	4~5	2~4	1~2	Breeding, Toxicity
CL-0112	Mouse Hi TPX・PSF	3~4	2~3	1~2	Toxicity, General Experiments
CL-0104・0124	Clean S PC・TPX・PSF, White S	8~10	5~8	3~5	
CL-0105・0125	Clean, White L	12~15	10~12	7~10	
CL-0131	Mouse F	4~5	2~4	1~2	
CL-0133	Card Cage	5~7	3~5	1~3	
CL-0135	KY Cage-1	5~6	3~5	1~3	Toxicity, General Experiments
CL-0136	KY Cage-2	7~9	4~7	1~4	

■Rats (Per cage, Unit: the number of animals)

※Relation between age and weight is based on Jcl:ICR.

Model Number	Model Name	Age in week 3~4w	5~6w	7~8w	9~10w	11w and older	Applications
		Weight 30~100g	100~200g	200~300g	300~400g	400g and up	
CL-0106	Econ PC, TPX	5~6	4~5	3~4	2~3	1~2	Breeding, Toxicity
CL-0107	Econ PP						
CL-0126	White Econ						
CL-0108・0128	Clean 200 PC・TPX, White 200	6~7	5~6	4~5	3~4	1~3	Stock
CL-0203	Rat Cage (CT-2)	8~10	7~8	6~7	5~6	4~5	
CL-0204	Rat Cage (CT-4)	5~6	4~5	3~4	2~3	1~2	General Experiments
CL-0205・0206	3-Chamber, 5-Chamber cage	1 per room					Toxicity, General Experiments

■Hamsters (Per cage, Unit: the number of animals)

Model Number	Model Name	Weight:60g and down	60~80g	80~100g	100~120g
CL-0106	Econ PC, TPX	9~11	7~9	5~7	2~5
CL-0107	Econ				
CL-0108・0128	Clean 200, White 200	10~12	8~10	6~8	3~6
CL-0203	Rat Cage (CT-2)	20~25	15~20	10~15	8~10

■Guinea Pigs (Per cage, Unit: the number of animals)

Model Number	Model Name	Weight:250g or less	250~350g	More than 350g
CL-0203	Guinea pig cage (CGP-2)	5~6	3~5	2~3

■Cages for Cats, Rabbits, Dogs, Monkeys and Miniature Pigs

These cages are designed as individual housing cages, unless otherwise specified.

It is recommended to house one animal per cage (chamber).



CL-0203
Rat Cage (CT-2)

Dimensions/345×465×185mm
Materials/Aluminum, stainless mesh
Applications/Rat, mouse, hamster, chick rearing



CL-0204-1
Rat Cage (CT-4-A)

Dimensions/260×380×200mm
Materials/Main body:Aluminum, stainless stell
Applications/Rat breeding and rearing



CL-0204-2
Rat Cage (CT-4-B)

Dimensions/260×380×200mm
Materials/Main body:Aluminum, stainless stell
Applications/Rat breeding and rearing



CL-0205 Three-chamber Cage

Dimensions/455×210×170mm
Material/Stainless steel
Applications/Mouse, rat rearing (one animal per cage)



CL-0206 Five-chamber Cage

Dimensions/755×210×170mm
Material/Stainless steel
Applications/Mouse, rat rearing (one animal per cage)



CL-0220
Rabbit Cage (CU-3)

Dimensions/350×500×420mm
Materials/Aluminum, stainless steel



CL-0221
Rabbit Cage (CU-2)

Dimensions/350×500×420mm
Materials/Aluminum, stainless steel



CL-0230
Guinea Pig Cage (CGP-2)

Dimensions/350×400×300mm
Materials/Aluminum, stainless steel



CL-0240
Cat Cage (CCA-2)

Dimensions/400×500×450mm
Materials/Aluminum, stainless steel
※With a partition plate



CL-0241
Cat Cage (CCA-5)

Dimensions/400×500×450mm
Materials/Aluminum, stainless steel
※With a partition plate



CL-0250
Dog Cage (CDO-1)
Dimensions / 700×800×850mm
Materials / Steel, Stainless steel



CL-0251
Dog Cage (CDO-2)
Dimensions / 700×800×850mm
Material / Stainless steel



CL-0261
Monkey Cage (CMO-2)
Dimensions / 650×700×750mm
Material / Stainless steel



CL-0265
Monkey Cage (CMO-5)
Dimensions / 650×700×850mm
Materials / Steel, Stainless steel
※ With a partition plate



CL-0270
Two-chamber Miniature Pig Cage (CPI-2)
Dimensions / 750×750×600mm
(Total Height 1,160mm)
Material / Stainless steel
※ This cage is only for Gettingen or miniature pig.
Usable up to 20 to 30 kg of weight



CL-0320
Rabbit Breeding Cage
Dimensions / 700×500×420mm
Materials / Aluminum, Stainless steel
※ Separable



CL-0271 **Pig Cage**
Dimensions / 860×1,000×1,250mm
Material / Stainless steel



CL-0305
Mouse Metabolic Cage (CM-10S)
Dimensions / 100×100×280mm
Material / Stainless steel



CL-0304
Rat Metabolic Cage (CT-10S) Type II
Dimensions / 230×210×500mm
Material / Stainless steel



CL-0311
Rabbit Metabolic Cage (CU-10S) Utility model filling
Dimensions / 390×370×850mm
Material / Stainless steel

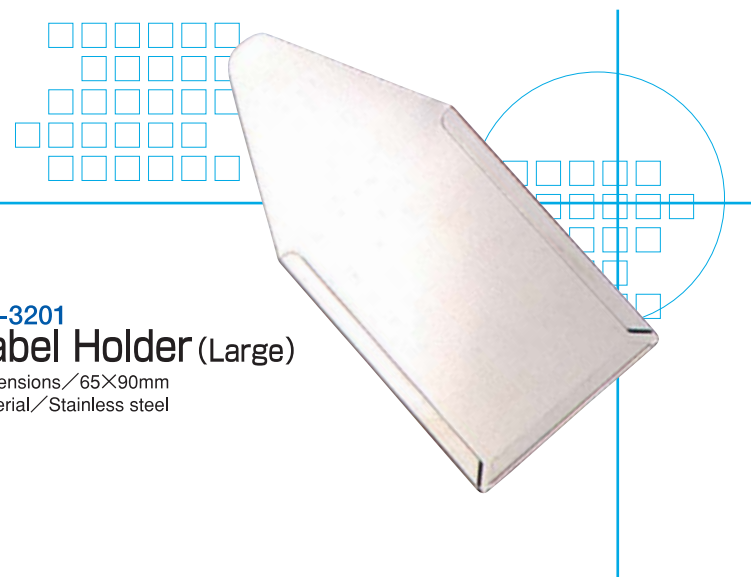


CL-0355
Mouse Metabolic Cage Unit
5rows×2tiers
Counter Dimensions / 1. 840×350×800mm
2. 840×400×1300mm
Material / Stainless steel (rack)

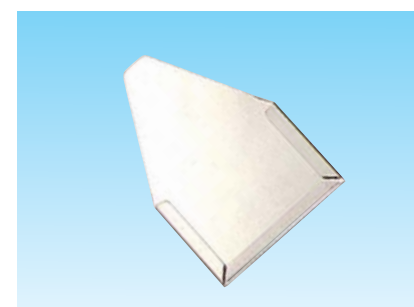
CL-0358
Dog Metabolic Cage (CDO-10)
Dimensions / 600×700×1200mm
Material / Stainless steel



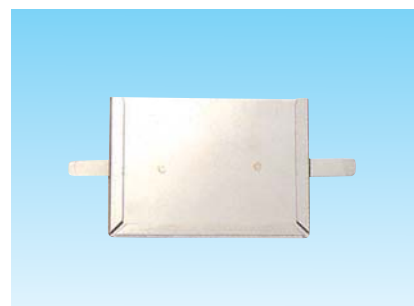
CL-0353
Rat Metabolic Cage Unit (CT-10S) Type II
5rows×3tiers
Dimensions / 1350×490×1860mm
Material / Stainless steel (rack)



CL-3201
Label Holder (Large)
Dimensions / 65×90mm
Material / Stainless steel



CL-3202
Label Holder (Small)
Dimensions / 65×45mm
Material / Stainless steel



CL-3203
Label Holder (with clicks)
Dimensions / 65×90mm
Material / Stainless steel



CL-3210
Spring Holder
Dimensions / 8φ×130mm
Material / Stainless steel



CL-3223
Watering Bottle Holder H-2
(for CU-500)
Material / Aluminum



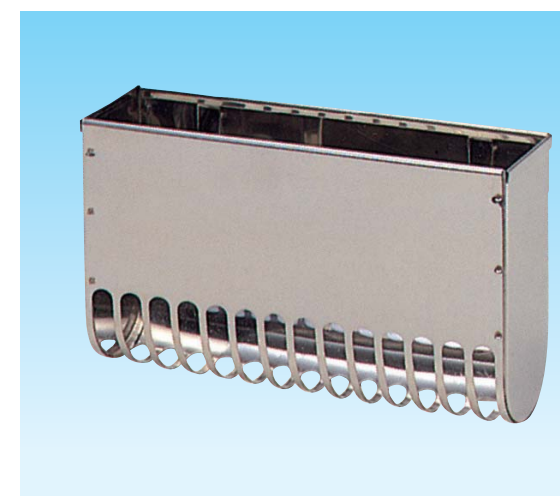
CL-3235-1
Rubber Scraper for cleaning



CL-3235-2
Stainless Scraper for cleaning



CL-3238
Scoop for feeding



CL-2803
Feeding Box Basket (No.3)
Dimensions / 160×45×90mm
Material / Stainless steel
Applications / Hanging



CL-2806
Feeding Box Basket (No.4)
Dimensions / 80×45×90mm
Material / Stainless steel
Applications / Hanging



CL-2802
Feeding Box Basket (No.2)
Dimensions / 80×45×90mm
Material / Stainless steel
Applications / Hanging

■ Specifications of Feeding Boxes (All the materials are stainless steel)

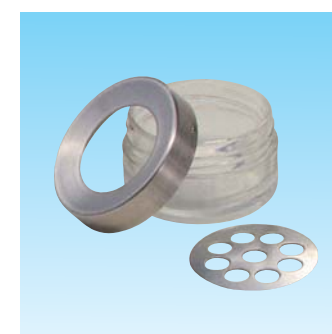
Model Number	Model Name	Dimensions (mm)			Applications		Dedicated Cage
		W	D	H	Hanging	Fitting	
CL-2801	Basket (No.1)	105	45	80		●	CL-0403-2 (R-IIS)
CL-2802	Basket (No.2)	80	45	60	●		All cages
CL-2803	Basket (No.3)	160	45	90	●		CL-0402-2 (R-IS) CL-0203 (CT-2) CL-0204-1 (CT-4) CL-0405-2 (R-IV S)
CL-2804						●	CL-0402-1 (R-IA) CL-0204-2 (CT-4)
CL-2805	Basket (No.4)	80	45	90	●		CL-0403-1 (R-IIA)
CL-2806						●	All cages



CL-0920
Powder Diet Feeding Box (Small)
Dimensions / 80φ×45mm
Materials / Main body: Hard glass
Outside lid: Plastic, Inside lid: Stainless steel
Applications / Mouse, rat



CL-0921
Powder Diet Feeding Box (Large)
Dimensions / 110φ×60mm
Materials / Main body: Hard glass
Outside lid: Plastic, Inside lid: Stainless steel
Applications / Mouse, rat



CL-0932
Heat Resistance Powder Diet Feeding Box (Small)
Dimensions / 80φ×45mm
Materials / Main body: Hard glass
Outside lid: Stainless steel
Inside lid: Stainless steel
Applications / Mouse, rat
※Autoclavable



CL-0933
Heat Resistance Powder Diet Feeding Box (Large)
Dimensions / 110φ×60mm
Materials / Main body: Hard glass
Outside lid: Stainless steel
Inside lid: Stainless steel
Applications / Mouse, rat
※Autoclavable