

DATASHEET · IVC SYSTEMS

# IVC Mouse Cage System.

SKU BIO-BK-0669 Spec v1 Rev. 2026-07-10

DATASHEET · P  
**BIO-BK-**  
Rev 2026



PRODUCT FAMILY  
ANIMAL MODEL  
APPLICATION  
COUNTRY OF ORIGIN  
MFG. STANDARD  
LOT TRACEABLE **No**  
VERIFIED **Spec v1 · 2026-07-10**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

CAGE_FRAME_MATERIAL	SUS304 stainless steel	BASE_BOX_MATERIAL	PPSU or PSU plastic
CAGE_GUIDE_RAIL_MATE	ABS engineering plastic	PPSU_THERMAL_DEFORM	>180°C TEMP
PSU_THERMAL_DEFORM	>150°C TEMP	PPSU_STERILIZATION_CY	>500 times at 205kPa, 134°C, 5
PSU_STERILIZATION_CY	>200 times at 205kPa, 134°C, 5min	DRINKING_BOTTLE_VOLU	500ml
METAL_FILTER_SIZE	25×50mm	FILTER_MEMBRANE_EFFI	0.2µm high efficiency
WHEEL_TYPE	4-inch PU wear-resistant universal wheel	AUTOCLAVABLE_COMPO	cage box and 500ml drinking bc
CONTROL_SYSTEM	PLC or MCU control	SENSORS	high-precision wind speed pres difference sensor, temperature & humidity sensor
BACKUP_POWER	Built-in UPS	ALARM_FUNCTIONS	abnormal parameters alarm, filter alarm, power failure alarm
REMOTE_MONITORING	computer or mobile phone (PLC)	GRADE_COMPATIBILITY	clean grade or SPF grade
AUTO_VALVE_CLOSURE	air inlet and exhaust valves automatically close when cage removed	AUTOMATION LEVEL	semi-automated
MATERIAL	ABS engineering plastic, PPSU plastic, PSU plastic, Silicone, SUS304 stainless steel	SPECIES	Mouse, Rat
RESEARCH DOMAIN	Addiction Research, Aging Research, Anxiety and Depression, Behavioral Pharmacology, Cancer Research, Developmental Biology, Immunology, Learning and Memory, Motor Function, Neurodegeneration, Neuroscience,	DIMENSIONS L×W×H (MM)	42.0 × 43.6 × 38.0

Pain Research, Social Behavior,  
Toxicology

WEIGHT (KG)

68.34

AVAILABILITY

In stock

INFO@CONDUCTSCIENCE.COM

CONDUCTSCIENCE.COM

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## BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

IVC Mouse Cage System

## MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.



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Rev 2026

## OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

### OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

### STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

### STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

## ANIMAL COMPATIBILITY

BY SPECIES

## NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-10 · Since 2026-07-10.

**Cite:** ConductScience BIO-BK-0669, Spec v1, 2026-07-10. [conductscience.com/lab/ivc-mouse-cage-system](https://conductscience.com/lab/ivc-mouse-cage-system)

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