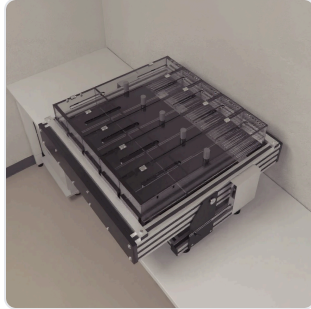


DATASHEET · BEHAVIORAL MAZES

# Rodent Treadmill.

SKU 5301/5302/5305/5306 Spec v1 Rev. 2026-07-09

DATASHEET · P  
**5301/5302/5305/**  
 Rev 2026



PRODUCT FAMILY  
 ANIMAL MODEL  
 APPLICATION  
 COUNTRY OF ORIGIN  
 MFG. STANDARD  
 LOT TRACEABLE **No**  
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

PRODUCT TYPE	variable	SPEED_RANGE	0-80 meters per minute
ACCELERATION_INCREMENT	0.1 meter/minute increments	SLOPE_RANGE	0 to 25 degrees
SHOCK_CURRENT_RANGE	0 – 4mA adjustable in 0.1mA units	POWER_SYSTEM	Single-phase power system
LANE_OPTIONS	['1 lane', '5 lane']	INDEPENDENT_LANE_COUNTING	Each lane can be counted separately
MOTOR_TYPE	Ultra Quiet	BELT_TEXTURE	Single Belt texture facilitates animal grip
SHOCK_GRID	Optional, removable for cleaning	SHOCK_LED_CORRELATION	Adjustable shock intensity correlated LED lamp
CONVERSION_OPTION	5-lane mouse to 3-lane rat conversion available	DEVICE TYPE	1 lane, 5 lane
SIZE	Mouse, Rat	BEHAVIORAL CONSTRUCT	Motor Learning, Locomotion, Endurance, Exercise Capacity
AUTOMATION LEVEL	semi-automated	MATERIAL	Aluminum alloy, Black non-reflective separators, Clear Acrylic
COLOR	Black	POWER/VOLTAGE	163V
SPECIES	Mouse, Rat	RESEARCH DOMAIN	Aging Research, Behavioral Pharmacology, Cardiovascular, Motor Function, Neurodegeneration, Neuroscience
COMPATIBLE TRACKING SOFTWARE	ConductVision	DIMENSIONS LxWxH (MM)	80.0 × 75.0 × 45.0
WEIGHT (KG)	50.0	AVAILABILITY	In stock



QTY	ITEM	SKU
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DATASHEET · P  
**5301/5302/5305/**  
Rev 2026

## BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Rodent Treadmill

## MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.



DATASHEET · BEHAVIORAL MAZES

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DATASHEET · P  
**5301/5302/5305/**  
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 2026-07-09 · Since 2026-07-09.

**Cite:** ConductScience 5301/5302/5305/5306, Spec v1, 2026-07-09. [conductscience.com/lab/rodent-treadmill](https://conductscience.com/lab/rodent-treadmill)

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