

DATASHEET · BEHAVIORAL MAZES

Activity Cage.

SKU ME-5607 Spec v1 Rev. 2026-06-24

DATASHEET · P
ME-
 Rev 2026



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-06-24**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

GRIPPING-PLATE-AREA	20×20 cm, 25×25cm	MAXIMUM-TENSILE-FORCE	0 – 50 N (5kgf)
CAGE_AREA	1000 cm ²	WHEEL_DIAMETER_MOUSE	20 cm
WHEEL_DIAMETER_RAT	40 cm	GRIPPING_PLATE_AREA	20×20 cm, 25×25cm
MAXIMUM_TENSILE_FORCE	0- 50 N (5kgf)	TEST_TIME_RANGE	0 – 9000 minutes
MOTOR_ACCELERATION	0.1 – 100 r/min ²	DATA_STORAGE_CAPACITY	up to 200 data sets
SPEAKER_FREQUENCY_RANGE	100-40,000 Hz	SPEAKER_INTENSITY	1-150 dB
WHEEL_ROTATION_MODE	clockwise or counter clock	DATA_COUNTING_MODES	count by distance (m, m/s) or cc a circle (r, r/min)
WHEEL_TYPE	motorized or manual rotation	CONNECTIVITY	USB cable
ADDITIONAL_FEATURES	RFID technology, shock or air puff, dual visible and IR light bulb, sound detector	BEHAVIORAL_CONSTRUCT	locomotor activity, circadian rhythm, voluntary exercise, motor function, behavioral arousal, activity patterns
AUTOMATION LEVEL	semi-automated	ACCURACY	0.1g steps
MATERIAL	Stainless Steel	POWER/VOLTAGE	20W, AC 190V- 230V 50HZ
SPECIES	Mouse, Rat	SPEED/RPM	0.1 – 99.9 r/min with step 0.1 r/r
DISPLAY TYPE	capacitive touch screen	RESEARCH DOMAIN	Addiction Research, Aging Research, Anxiety and Depression, Behavioral Neuroscience, Pharmacology, Learning and Memory Neuroscience
COMPATIBLE TRACKING SOFTWARE	ConductVision	DIMENSIONS L×W×H (MM)	43.2 × 38.0 × 27.9
WEIGHT (KG)	21.0	AVAILABILITY	In stock

Scope:

QTY	ITEM	SKU
INFO@CONDUCTSCIENCE.COM	CONDUCTSCIENCE.COM	ME-5607 · DATASH

DATASHEET · BEHAVIORAL MAZES

Activity Cage.

SKU ME-5607 Spec v1 Rev. 2026-06-24

DATASHEET · P

ME-

Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Activity Cage

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

DATASHEET · BEHAVIORAL MAZES

Activity Cage.

SKU ME-5607 Spec v1 Rev. 2026-06-24

DATASHEET · P

ME-

Rev 2026

OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COM

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
---------	-------------	-------------

Specifications verified against current published product data. Verified 2026-06-24 · Since 2026-06-24.

Cite: ConductScience ME-5607, Spec v1, 2026-06-24. conductscience.com/lab/activity-cage

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

ME-5607 · DATASH