

DATASHEET · AUTOMATED MAZES

Sleep Deprivation Chamber.

SKU ME-5603/5604 Spec v1 Rev. 2026-07-09

DATASHEET · P

ME-5603/

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	TOTAL_SESSION_TIME	900 hours
MOTOR_SPEED_RANGE	0-100m/min	MOTOR_PRECISION	0.01m/min
NOISE_LEVEL	<30dB	SCREEN_SIZE	5 inch HD
CUSTOM_BREAKS	0-240 seconds	ROTATION_MODES	['Clockwise', 'Counterclockwise', 'Alternate', 'Random']
RECOMMENDED_ROTATION_SPEED	10 to 40 revolutions per minute	COMPATIBLE_SOFTWARE	['Noldus EthoVision', 'AnyMaze']
CONNECTIVITY	USB port	ENCLOSURE_SHAPE	Cylindrical
INTEGRATED_SYSTEMS	['Food system', 'Water system']	OPTIONAL_FEATURES	['Lid slot for cannulas and cable', 'Camera mounts', 'Gantries']
BEHAVIORAL_CONSTRUCT	Sleep-wake cycles, Memory consolidation, Circadian rhythms, Stress response, Cognitive performance	AUTOMATION_LEVEL	semi-automated
MATERIAL	Plexiglass	ACCURACY	1 second
DISPLAY_TYPE	LCD	RESEARCH_DOMAIN	Addiction Research, Aging Research, Anxiety and Depression, Behavioral Pharmacology, Learning and Memory Neuroscience
SPECIES	Mouse, Rat	COMPATIBLE_TRACKING_SOFTWARE	ConductVision
DIMENSIONS LxWxH (MM)	43.2 x 38.0 x 27.9	WEIGHT (KG)	21.0

In stock



QTY. ITEM

SKU

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Sleep Deprivation Chamber

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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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 ME-5603/5604, Spec v1, 2026-07-09. conductscience.com/lab/sleep-deprivation-chamber

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