

DATASHEET · BEHAVIORAL MAZES

Heat Maze.

SKU MW-8504 Spec v1 Rev. 2026-07-09

DATASHEET · P
MW-
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 PROD

ARENA_SHAPE	circular	ARENA_DIAMETER	18 cm
PELTIER_GRID_CONFIGUR	5x5 grid	PELTIER_ELEMENT_SIZE	4x4 cm
SAFE_ZONE_SIZE	4x4 cm	SAFE_ZONE_TEMPERATU	20°C
UNSAFE_ZONE_TEMPERA	37°C	CONTROL_METHOD	Conduct Heat Maze software
REQUIRED_ACCESSORIES	talco-coated metal ring (height 5 cm), blank white paper sheet (height 20 cm)	SPATIAL_LEARNING_TRIAL	7 trials, 5 minutes each
NON_SPATIAL_LEARNING	3 trials, 10 minutes each	INTER_TRIAL_INTERVAL	10 seconds
BEHAVIORAL CONSTRUCT	spatial learning, spatial memory, place learning, thermal avoidance, navigation, thigmotaxis	AUTOMATION LEVEL	semi-automated
MATERIAL	Acrylic	TEMPERATURE RANGE	20°C to 37°C
SPECIES	Drosophila melanogaster	DIMENSIONS	18 cm diameter
RESEARCH DOMAIN	Addiction Research, Behavioral Pharmacology, Developmental Biology, Learning and Memory, Neurodegeneration, Neuroscience	COMPATIBLE TRACKING SOFTWARE	ConductVision
DIMENSIONS LxWxH (MM)	110.5 × 78.7 × 10.1	WEIGHT (KG)	14.3
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
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	Scope. Heat Maze	MW-8504
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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Heat Maze

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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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
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience MW-8504, Spec v1, 2026-07-09. conductscience.com/lab/heat-maze

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