

DATASHEET · BEHAVIORAL MAZES

# Drosophila Olfactory Operant Conditioning.

SKU ME-8501 Spec v1 Rev. 2026-07-09

DATASHEET · P  
**ME**  
 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 PRODUCTION

REARING_TEMPERATURE	18-23°C	TESTING_TEMPERATURE	30-33°C
STORAGE_TEMPERATURE	25°C	STORAGE_HUMIDITY	70% relative humidity
LIGHT_CYCLE	12:12 hr light-dark cycle	EXPERIMENTAL_LIGHTING	dim-red light or darkness
GRID_MATERIAL	copper	MAZE_TYPE	binary T-maze
TUBE_TYPE	opaque cylindrical tubes	AIRTIGHT_SEAL_REQUIRED	True
VACUUM_CONNECTION	upper port (training), lower port (trial)	SHOCK_CONTROLLABLE	onset, intensity, duration
MEMORY_ASSESSMENT	Immediate, 30min-1hr (short-term), 3hrs (mid-term), up to 7hrs (labile phase), up to 1 week (long-term)	BEHAVIORAL CONSTRUCT	associative learning, aversive conditioning, olfactory discrimination, memory formation, classical conditioning, operant conditioning, shock avoidance learning
AUTOMATION_LEVEL	semi-automated	MATERIAL	copper
TEMPERATURE_RANGE	18-33°C	SPECIES	Drosophila
RESEARCH_DOMAIN	Aging Research, Behavioral Genetics, Behavioral Neuroscience, Behavioral Pharmacology, Learning and Memory, Neurodegeneration	COMPATIBLE_TRACKING_SOFTWARE	ConductVision
DIMENSIONS LxWxH (MM)	43.18 x 43.18 x 27.94	WEIGHT (KG)	25.0
AVAILABILITY	In stock		

Chat with us

QTY	ITEM	SKU
	<b>Scope.</b> Drosophila Olfactory Operant Conditioning	ME-8501
	INFO@CONDUCTSCIENCE.COM    CONDUCTSCIENCE.COM	ME-8501 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Drosophila Olfactory Operant Conditioning

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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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-8501, Spec v1, 2026-07-09. [conductscience.com/lab/drosophila-olfactory-operant-conditioning](https://conductscience.com/lab/drosophila-olfactory-operant-conditioning)

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