

DATASHEET · BEHAVIORAL MAZES

Ant Visual Discrimination Y-Maze.

SKU ME-8911 Spec v1 Rev. 2026-06-30

DATASHEET · P

ME

Rev 2026



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-06-30**

PRODUCT SPECIFICATIONS

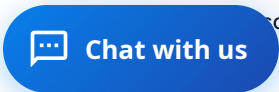
FROM PUBLISHED PROD

| | | | |
|------------------------|---|------------------------------|---|
| MAZE_DESIGN | Y-shaped | NUMBER_OF_ARMS | 3 (1 start arm, 2 choice arms) |
| ARM_DIMENSIONS | 20 cm length x 4 cm width x 4 cm height each | CHOICE_ARM_ANGLE | 120 degrees |
| SMALL_FIELD_STIMULUS | 4.5 cm from decision point | LARGE_FIELD_STIMULUS | 20 cm from decision point |
| VISUAL_STIMULI_TYPES | ['2D patterns', 'LED lights'] | MOUNTING | mounted on white Plexiglas plate |
| STIMULUS_COMPATIBILITY | both small-field and large-field visual stimuli | BEHAVIORAL_CONSTRUCT | Visual discrimination, Spatial learning, Decision making, Navigation, Visual memory |
| AUTOMATION_LEVEL | manual | MATERIAL | black opaque acrylic, white Plexiglas |
| COLOR | Black, White | SPECIES | Ants |
| DISPLAY_TYPE | None | DIMENSIONS | 20 cm x 4 cm x 4 cm |
| RESEARCH_DOMAIN | Behavioral Pharmacology, Learning and Memory, Neuroscience, Social Behavior | COMPATIBLE_TRACKING_SOFTWARE | ConductVision |
| DIMENSIONS LxWxH (MM) | 43.2 x 38.0 x 27.9 | WEIGHT (KG) | 21.0 |
| AVAILABILITY | In stock | | |

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

| QTY | ITEM | SKU |
|-----|----------------------------------|---------|
| | Ant Visual Discrimination Y-Maze | ME-8911 |



Scope.

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Ant Visual Discrimination Y-Maze

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 |
|---------|-------------|-------------|
|---------|-------------|-------------|

Specifications verified against current published product data. Verified 2026-06-30 · Since 2026-06-30.

Cite: ConductScience ME-8911, Spec v1, 2026-06-30. conductscience.com/lab/ant-visual-discrimination-y-maze

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