

DATASHEET · BEHAVIORAL MAZES

Path Regularity Mazes.

SKU ME-32106 Spec v1 Rev. 2026-06-23

DATASHEET · P
ME-3
Rev 2026



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE **No**
VERIFIED **Spec v1 · 2026-06-23**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

| | | | |
|------------------------------|--|------------------------------|--|
| CYLINDER_DIAMETER | 22.5cm | CYLINDER_HEIGHT | 25cm |
| HOLE_DIAMETER | 4cm | HOLE_POSITION_HEIGHT | 12.5cm above base |
| EXIT_HOLE_ANGLE | 45° to the right or left relative to each other | NUMBER_OF_HOLES_PER_CYLINDER | 3 |
| TABLE_HEIGHT | 30cm | MAZE_TYPES | constant - turn, zig - zag, irregular, variable irregular |
| TRAINING_BEES_COUNT | 8 - 10 bees per group | EXPERIMENT_BEES_COUNT | 10 bees |
| TRAINING_DURATION | 6 hours | PAUSE_DURATION_PER_CYCLE | 1 hour |
| BEHAVIORAL_CONSTRUCT | spatial navigation, spatial memory, learning acquisition, maze learning, orientation behavior, navigation strategy | AUTOMATION_LEVEL | manual |
| MATERIAL | Perspex | TEMPERATURE_RANGE | 17°C ±3°C (night) to 24°C ±5°C |
| SPECIES | Honeybees | RESEARCH_DOMAIN | Behavioral Pharmacology, Developmental Biology, Environmental Monitoring, Learning and Memory, Neurodegeneration, Neuroscience |
| COMPATIBLE_TRACKING_SOFTWARE | ConductVision | DIMENSIONS LxWxH (MM) | 43.2 × 38.0 × 27.9 |
| WEIGHT (KG) | 21.0 | AVAILABILITY | In stock |

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

| QTY | ITEM | SKU |
|-------------------------|------------------------------|-------------------|
| | Scope. Path Regularity Mazes | ME-32106 |
| INFO@CONDUCTSCIENCE.COM | CONDUCTSCIENCE.COM | ME-32106 · DATASH |

DATASHEET · BEHAVIORAL MAZES

Path Regularity Mazes.

SKU ME-32106 Spec v1 Rev. 2026-06-23

DATASHEET · P
ME-3
Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

| ITEM |
|-----------------------|
| Path Regularity Mazes |

MATERIALS REFERENCE

0 MATERIALS

| CODE | DESCRIPTION | PROPERTIES | USED IN |
|------|-------------|------------|---------|
|------|-------------|------------|---------|

Cross-reference.

DATASHEET · BEHAVIORAL MAZES

Path Regularity Mazes.

SKU ME-32106 Spec v1 Rev. 2026-06-23

DATASHEET · P

ME-3

Rev 2026

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 2026-06-23 · Since 2026-06-23.

Cite: ConductScience ME-32106, Spec v1, 2026-06-23. conductscience.com/lab/path-regularity-mazes

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

ME-32106 · DATASH