

DATASHEET · BEHAVIORAL MAZES

# Radial Arm Water Maze.

SKU ME-3111/ME-3112/ME-3115/ME-3116 Spec v1 Rev. 2026-07-05

DATASHEET · P  
**ME-3111/ME-3112/ME-3115/**  
 Rev 2026



PRODUCT FAMILY  
 ANIMAL MODEL  
 APPLICATION  
 COUNTRY OF ORIGIN  
 MFG. STANDARD  
 LOT TRACEABLE **No**  
 VERIFIED **Spec v1 · 2026-07-05**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

|                           |   |                              |                          |
|---------------------------|---|------------------------------|--------------------------|
| ARM-INSERT                | 6 Arms  | POOL_INTERNAL_DIAMETER       | 0.9 to 1.2 meters        |
| MINIMUM_POOL_DEPTH        | 23 to 25 centimeters  | INSERT_HEIGHT                | 20 to 30 centimeters     |
| INSERT_ARM_LENGTH         | 60 to 75 centimeters  | CENTRAL_ZONE_DIAMETER        | 36 to 40 centimeters     |
| PASSAGE_WIDTH             | 20 to 25 centimeters  | ESCAPE_PLATFORM_DIAMETER     | 10 centimeters           |
| ARM_CONFIGURATIONS        | 4 to 12 arms  | SIX_ARM_SEPARATION_ANGLE     | 60 degrees               |
| WATER_LEVEL_BELOW_ARM     | approximately 10 centimeters  | WATER_LEVEL_BELOW_ARM        | 6 centimeters            |
| HIDDEN_PLATFORM_SUBSTRATE | approximately 0.5 centimeters   | SESSION_DURATION             | minimum 1 minute         |
| PLATFORM_REST_TIME        | 10 to 15 seconds  | TOTAL_TRIALS                 | 15 trials                |
| TRIAL_INTERVALS           | 3-hour intervals  | TESTING_DURATION             | at least 2 days          |
| BEHAVIORAL CONSTRUCT      | spatial memory, reference memory, working memory, spatial navigation, hippocampal function, cognitive assessment      | AUTOMATION LEVEL             | manual                   |
| SPECIES                   | Mouse, Rat  | MATERIAL                     | Aluminum, Metal, Plastic |
| RESEARCH DOMAIN           | Aging Research, Anxiety and Depression, Behavioral Pharmacology, Learning and Memory, Neurodegeneration, Neuroscience | COMPATIBLE TRACKING SOFTWARE | ConductVision            |
| DIMENSIONS LxWxH (MM)     | 43.2 x 38.0 x 27.9  | WEIGHT (KG)                  | 21.0                     |
| AVAILABILITY              | In stock  |                              |                          |



| QTY                     | ITEM                  | SKU                                      |
|-------------------------|-----------------------|--|
| Scope.                  | Radial Arm Water Maze | ME-3111/ME-3112/ME-3115/ME-3116          |
| INFO@CONDUCTSCIENCE.COM | CONDUCTSCIENCE.COM    | ME-3111/ME-3112/ME-3115/ME-3116 · DATASH |

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**BILL OF MATERIALS · EXTENDED ATTRIBUTES**

| ITEM                  |
|-----------------------|
| Radial Arm Water 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 2026-07-05** · **Since 2026-07-05**.

**Cite:** ConductScience ME-3111/ME-3112/ME-3115/ME-3116, Spec v1, 2026-07-05. [conductscience.com/lab/radial-arm-water-maze](https://conductscience.com/lab/radial-arm-water-maze)

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