

DATASHEET · BEHAVIORAL MAZES

Plant Communication Apparatus.

SKU ME-8402 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

LIGHT_TRANSMISSION	92% visible light transmission	LIGHT_BLOCKING	blocks ultraviolet and infrared wavelengths
INNER_CHAMBER_DIMENSIONS	32x32x45 cm	CHAMBER_CONFIGURATION	nested boxes with air gap
VACUUM_CAPABILITY	air evacuation using vacuum pump	CENTRAL_COMPONENT	sealed cylindrical box
COMPATIBLE_PLANT_SPECIES	['Capsicum annuum (chili plant)', 'Foeniculum vulgare (fennel plant)', 'Ocimum basilicum (basil plant)']	AUTOMATION_LEVEL	manual
MATERIAL	transparent acrylic	DIMENSIONS	44 cm x 44 cm x 65 cm
RESEARCH_DOMAIN	Analytical Chemistry, Developmental Biology, Environmental Monitoring, Plant Biology	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
1	Plant Communication Apparatus	ME-8402



Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Plant Communication Apparatus

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

Cite: ConductScience ME-8402, Spec v1, 2026-06-30. conductscience.com/lab/plant-communication-apparatus

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