

DATASHEET · AUTOMATED MAZES

SmartCage System.

SKU CS-958412 Spec v1 Rev. 2026-07-09

DATASHEET · P
CS-958412
 Rev 2026-07-09



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

PRODUCT TYPE	variable	MONITORING_TYPE	Non-invasive
SYSTEM_COMPONENTS	Floor-vibration sensor, motor control, instrument amplifier, microcontroller units, infrared (IR) matrix, flexible modular devices	MEASUREMENT_CAPABILITY	Wake/active and sleep/inactive : locomotion (travel distance, travel time), rearing up counts, animal movement patterns, rotations (c
TESTING_ENVIRONMENT	Home cage with bedding, food, and water	MONITORING_DURATION	Extended periods
DETECTION_METHOD	Floor vibration sensor and infrared matrix	BEHAVIORAL CONSTRUCT	Locomotor Activity, Exploratory Behavior, Sleep-Wake Cycles, Circadian Rhythms, Spontaneous Activity, Rearing Behavior, Move Patterns
AUTOMATION LEVEL	fully-automated	BRAND	Afasci
RESEARCH DOMAIN	Addiction Research, Aging Research, Anxiety and Depression, Behavioral Pharmacology, Learning and Memory, Motor Function, Neurodegeneration, Neuroscience, Toxicology	SPECIES	Mouse, Rat
COMPATIBLE TRACKING SOFTWARE	ConductVision	DIMENSIONS LxWxH (MM)	65.0 × 36.0 × 27.0
WEIGHT (KG)	6.06	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONFIGURATION

QTY	ITEM	SKU
1	SmartCage System	CS-958412

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

CS-958412 · DATASH

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DATASHEET · P
CS-95
Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

SmartCage System

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

DATASHEET · AUTOMATED MAZES

SmartCage System.

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DATASHEET · P
CS-95
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
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience CS-958412, Spec v1, 2026-07-09. conductscience.com/lab/smartcage

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