

DATASHEET · STEREOTAXIC COMPLETE SYSTEMS

Automated and Intelligent Stereotaxic Instrument.

SKU RWD-71000-S/71000-D/ 71001-S/ 71001-D Spec v1 Rev. 2026-07-11

DATASHEET · P
RWD-71000-S/71000-D

Rev 2026

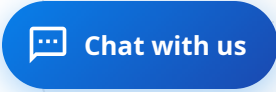


PRODUCT FAMILY	
ANIMAL MODEL	
APPLICATION	
COUNTRY OF ORIGIN	
MFG. STANDARD	
LOT TRACEABLE	No
VERIFIED	Spec v1 · 2026-07-11

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

PRODUCT TYPE	variable	INJECTION	Automatic
MANIPULATOR	Single, Dual	AUTOMATIC INJECTION MODULE	Not Included, Included
MINIMUM_STEP_ANGLE	0.04°	MINIMUM_DISPLACEMENT	0.33µm
POSITIONING_ACCURACY	10µm	AP_ML_AXIS_SPEEDS	5 adjustable speeds
DV_AXIS_SPEEDS	9 adjustable speeds	MINIMUM_DV_SPEED	1µm/s
INJECTION_VOLUME_RANGE	0.6 - 5000nL	INJECTION_RATE_RANGE	0.02 - 200nL/s
MINIMUM_NEEDLE_WITHDRAWAL_SPEED	1µm/s	MAXIMUM_INJECTION_SPEED	10
MOTOR_TYPE	High-precision stepper motor	ANTI_BACKLASH_FUNCTION	Yes
FRAME_CALIBRATION	Self-calibration available	BUILT_IN_ATLAS	Rat and mouse brain atlas
LEVELING_REQUIRED	No	AUTOMATED_INJECTION	Yes
TILTED_TRAJECTORY_FUNCTION	Yes	DUAL_MANIPULATOR_OPERATION	Available
AUTOMATED_CRANIOTOMY	Round or square windows	TISSUE_REMOVAL_KIT	Available
AUTOMATION LEVEL	fully-automated	ACCURACY	1µm
SPECIES	Mouse, Rat	BRAND	RWD
RESEARCH DOMAIN	Addiction Research, Behavioral Pharmacology, Learning and Memory, Neurodegeneration, Neuroscience, Pain Research	DIMENSIONS LxWxH (MM)	46.0 × 40.0 × 33.0
	26.46	AVAILABILITY	In stock



Scope:

QTY	ITEM	SKU
	INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM	RWD-71000-S/71000-D/ 71001-S/ 71001-D · DATASH

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Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Automated and Intelligent Stereotaxic Instrument

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

INFO@CONDUCTSCIENCE.COM

CONDUCTSCIENCE.COM

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RWD-71000-S/71000-D

Rev 2026-07-11

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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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CONTINUOUSLY VERIFIED · SPEC V1

Specifications verified against current published product data. Verified 2026-07-11 · Since 2026-07-11.

Cite: ConductScience RWD-71000-S/71000-D/ 71001-S/ 71001-D, Spec v1, 2026-07-11. conductscience.com/lab/automated-intellig-stereotaxic-instrument

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