

DATASHEET · MICROTOMES

Fully Automated Rotary Microtome Series.

SKU RF-RD-RD-355AT /RD-355ATK Spec v1 Rev. 2026-07-09

DATASHEET · P
RF-RD-RD-355AT /RD-355ATK
 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	MODEL	Standard - RD-355AT, Precision 355ATK
HANDWHEEL	Precisely adjusted, lockable at any position	RETRACTION SETTING RANGE	0—50µm (0 is off) 5-10-15— (optional)
MOVEMENT RANGE OF THE BASE OF BLADE HOLDER BASE	0-60mm (front to back)	FEED SPEED ADJUST	1500µm/s ~ 3500µm/s
DISPLAY TYPE	OLED	RESEARCH DOMAIN	Cancer Research, Development; Biology, Histopathology, Materials Science, Neuroscience, Toxicology
SECTIONING MODES	Manual and automated smart sectioning	BLADE SEGMENTS	3 different segments
SPECIMEN CLAMP TYPES	Paraffin block and cassette clamps	SAFETY FEATURES	Emergency braking system, sec alarm, driver overload protector sleep protection
DRIVE FUNCTIONS	Sectioning, trimming, fast forward, fast backward, quick mode conversion, automatic specimen retraction	MOTION MECHANISM	International advanced screw mechanism
BLADE MANAGEMENT	Lateral movement blade holder with red protection bar	WASTE TRAY	Large - volume, easy - to - remove disposable blade storage
CONTROL FEATURES	Remote control panel, adjustable automatic slicing speed	SECTION THICKNESS SETTING RANGE	0.25—100µm 0.25—2.5µm incr 0.25µm 2.5—5µm increment 0.5—10µm increment 1µm 10—30µm increment 2µm 30—60µm increment 5µm 60—100µm increment 10µm



DIMENSIONS L×W×H (MM) **69.0 × 59.0 × 50.0**

WEIGHT (KG) **108.0**

AVAILABILITY **In stock**

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Fully Automated Rotary Microtome Series

MATERIALS REFERENCE

0 MATERIALS

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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Rev 2026

OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMPLETION

OPERATING

TEMPERATURE _____

HUMIDITY _____

PRESSURE _____

STORAGE

TEMPERATURE _____

HUMIDITY _____

ORIENTATION _____

STERILIZATION & CLEANING

AUTOCLAVE _____

GAMMA _____

AVOID _____

ETO _____

WIPE _____

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & STORAGE

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 RF-RD-RD-355AT /RD-355ATK, Spec v1, 2026-07-09. conductscience.com/lab/automated-rotary-microtome-se

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