

DATASHEET · MICROTOMES

Semi-Automatic Microtome Series.

SKU RF-RD-485 /RF-RD-485PRO Spec v1 Rev. 2026-07-09

DATASHEET · P
RF-RD-485 /RF-RD-485PRO

Rev 2026



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	SECTION THICKNESS SETTING RANGE	0-99.9µm increment: 0.1µm
TRIMMING THICKNESS SETTING RANGE	0-999µm increment: 0.1µm	SPECIMEN RETRACTION	0-100µm(can close)
MODEL	Standard - RD-485, PRO Version - RD-485PRO	PRECISION AND ERROR	±1%
FAST FEED SPEED ADJUST	1mm/s ~3.5mm/s, at any set	MAXIMUM SPECIMEN SIZE	60mmx50mm
SPECIMEN HORIZONTAL FEEDING	28mm	SPECIMEN VERTICAL FEEDING	60mm
SLOW FEED SPEED ADJUST	0.1mm/s ~1mm/s, at any set	SPECIMEN CLAMP ROTATION	At any angle within 360°
SPECIMEN ORIENTATION SYSTEM	XY -15°	SPECIMEN CLAMP	Paraffin block clamp or cassette optional
BLADE HOLDER	In high or in low profile blade holder optional	VOLTAGE AND FREQUENCY	AC220V±10% 50Hz(standard model);AC110V±10% 60Hz
ACCURACY	0.1µm slicing accuracy	DISPLAY TYPE	High-Definition Color Touch Screen
RESEARCH DOMAIN	Cancer Research, Cell Biology, Developmental Biology, Histopathology, Neuroscience, Pathology	WEIGHT	35KG
SIZE	580mm*490mm*315mm(L*W*H)	SECTION THICKNESS RANGE	1µm to 100µm
SECTION THICKNESS RANGE GENERAL	1-micron to 60 microns	SECTION THICKNESS HARD MATERIALS	up to 0.5 microns



SAMPLE FEED 0.1mm/s to 3.5mm/s
CONTINUOUS

SAMPLE FEED SINGLE 1µm to 100µm
POINT

HORIZONTAL VERTICAL 16°

ROTATION 360°

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Semi-Automatic Microtome Series

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COM

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.

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