

DATASHEET · MICROTOMES

Automatic Continuous Sectioning Microtome RD-495.

SKU Spec v1 Rev. 2026-07-07

DATASHEET · P
Rev 2026
PREVIEW — FIELDS F



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

PRODUCT SPECIFICATIONS

FROM PUBLISHED PRODUCT

SAMPLE ORIENTATION	RD-315: XY ±8°, 360° rotatable, RD-475: 360° rotatable, RD-495: XY ±8°	MODEL	Standard - RD-315, Intermediate - RD-465, Professional - RD-475, Advanced - RD-495
HORIZONTAL SPECIMEN STROKE	RD-315: 0–28 mm, RD-475: 28 mm ±1 mm, RD-495: 28 mm	MAXIMUM SPECIMEN SIZE	60 mm × 50 mm
VERTICAL SPECIMEN STROKE	RD-315: 52 mm, RD-475: 60 mm, RD-495: 70 mm	VOLTAGE AND FREQUENCY	RD-315 / RD-495: AC 220V±10% 50Hz (AC 110V±10%, 60Hz optional)
RESEARCH DOMAIN	Cancer Research, Cell Biology, Developmental Biology, Histopathology, Neuroscience, Pathology, Toxicology	SPECIES	Cat, Dog, Gerbil, Hamster, Pig, Rat, Mouse, Guinea pig
AUTOMATION LEVEL	Manual	SECTION THICKNESS RANGE	RD-315: 0.5–60 µm, RD-475: 1–60 µm, RD-495: 1–60 µm
SPECIMEN ANGLE	Adjustable on three axes	GUIDE RAIL TYPE	Imported cross-roller guide rails
MOTION MECHANISM	Screw motion mechanism	SPECIMEN RETRACTION	RD-315: Yes, RD-475: 50 µm, RD-495: 90 µm (optional)
SPECIMEN HOLDER SYSTEM	Replaceable — paraffin block clamp and cassette clamp	PRECISION	±1%
SECTION THICKNESS INCREMENTS	RD-315: 0.5 µm (0–2 µm) / 1 µm (2–10 µm) / 2 µm (10–20 µm) / 5 µm (20–60 µm), RD-495: 1 µm (0–20 µm) / 5 µm (20–60 µm)	TRIMMING THICKNESS RANGE	RD-475: 0–60 µm, RD-495: 15–60 µm
SPECIMEN ANGLE	RD-475: 0°–15° adjustable	DIMENSIONS (W×D×H)	RD-315: 565×440×285 mm, RD-475: 555×450×320 mm, RD-495: 590×500×330 mm



NET WEIGHT

RD-315: 28 kg, RD-475: 45 kg, RD-495: 37 kg

AVAILABILITY

In stock

INFO@CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Automatic Continuous Sectioning Microtome RD-495

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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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 2026-07-07 · Since 2026-07-07.

Cite: ConductScience , Spec v1, 2026-07-07. conductscience.com/lab/microtome-rd495

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