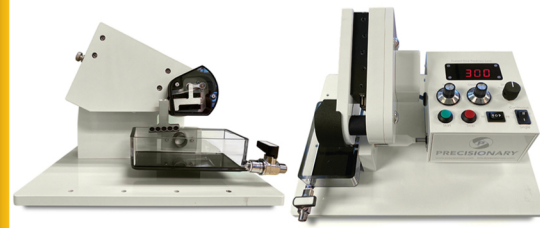


PRECISIONARY



Technical Specifications

Compresstome® VF-510-0Z

Compresstome® VF-510-0Z Tissue Cutting Specifications

Automation	Fully automated: After a slice is cut, slice thickness advancement is automatic, allowing for continuous slicing
Slice thickness adjustment	Automatic
Slice thickness precision	1 μm (controlled automatically by a dial on the control box)
Specimen length	25 mm (maximum tissue length for embedding)
Specimen tube sizes	<ul style="list-style-type: none"> • 15.5 mm diameter • 20 mm diameter
Cutting blade compatibility	<ul style="list-style-type: none"> • Stainless steel (double-edge) blades • Ceramic blades • Tungsten carbide blades
Cutting angle	20° (no need for blade alignment)
Slice thickness range	1-999 μm Quality tested to cut below 10 μm slices (Can cut as low as 4 μm depending on tissue type)
Cutting modes	Single & continuous

Compresstome® VF-510-0Z Machine Specifications

Advance speed	0-4 mm/s
Return speed	6 mm/s
Vibration frequency	0-65 Hz, adjustable
Vibration amplitude	1.2 mm
Z-axis vibration	~ 0 μm (Z-axis deflection)
Power source	100-240V AC
Power consumption	18W
Buffer tray size	(L x W x H) 110 x 60 x 30 mm
Dimensions	(L x W x H) 330 x 255 x 195 mm
Weight	6 kg

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