



TORONTECH



MANUAL PRECISION METALLOGRAPHIC CUT- OFF SAW TORONCUT™ M-150B

Manual Precision Metallographic Cut-Off Saw ToronCut™ M-150B is a tabletop manual precision sectioning saw, offering versatile cutting capabilities for a range of applications. Ideal for sectioning circuit boards, it also handles metals, fasteners, rocks, ceramics, polymers, composites, electronics, semiconductors, biomaterials, and more. This reliable machine is designed to deliver precise cuts across various sample types, meeting the diverse needs of laboratory and industrial applications.

APPLICATIONS

The ToronCut™ M-150B is equipped with a range of fixtures that allow for precise cutting of irregularly shaped workpieces, making it ideal for specialized applications. This precision cutting equipment is a valuable asset for enterprises and scientific research institutions seeking accuracy and versatility in material sectioning.

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FEATURES

- **High-Torque DC Motor:** Delivers powerful performance for efficient cutting.
- **Adjustable Speed:** Variable speed with customizable maximum setting for different materials.
- **Dual Blade Feed Modes:** Supports both automatic and manual blade feed options.
- **Flexible Feed Movement:** Offers linear or pulse blade feed movement for precise control.
- **User-Friendly Touchscreen:** Intuitive color touchscreen for simple operation.

- **Magnetic Safety Switch:** Instantly stops the blade when the cover is opened for added safety.
- **Durable Anodized Aluminum Table:** T-slots enable quick vise changes.
- **Fast Cam Locking Vises:** Aluminum left and right vises for secure clamping.
- **Anti-Rust Composite Support Cover:** Integral molding design resists rust.
- **Transparent Top Cover:** Allows easy observation of the cutting process.
- **Built-In Wheel Cooling:** Integrated cooling system to maintain cutting precision and extend blade life.

TECHNICAL SPECIFICATIONS

Model	ToronCut M-150B
Blade Feed	Manual
Blade(mm)	150*12.7*0.6
Blade speed (rpm)	100-800
Table Dimensions (WxD,mm)	294*324
DC Motor	120W
Power	100 - 240VAC, 50-60Hz, 1 Phase
Accessories	
Diamond Blade	☒
Alumina Blade	☐
SiC blade	☐
Fast Cam Locking Vises	☒
Vertical Clamping vise	☐

X-Feed Fixture	☐
Cutting Vise in longitude direction for screws, bars, etc	☐
Cutting Fluid	☐
☒ Standard ☐ Option	



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