



TORONTECH



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MANUAL PRECISION WAFERING CUT-OFF SAW TORONCUT™ M- 150

Manual Precision Wafering Cut-Off Saw ToronCut™ M-150 is a tabletop precision sectioning saw, optimized for medium-speed cutting with minimal deformation to specimens. This versatile machine is designed for precise sectioning across a variety of materialographic specimens, including metals, rocks, ceramics, composites, electronics, semiconductors, and biomaterials. A wide selection of vises allows for exact positioning, making it an ideal choice for materialographic laboratories focused on maintaining sample integrity.

APPLICATIONS

The ToronCut™ M-150 features a wide selection of vises that enable users to precisely section all types of materialographic specimens, including metals, rocks, ceramics, composites, electronics, semiconductors, and biomaterials. This versatility makes it an ideal tool for materialographic laboratories, ensuring accurate and consistent results across various applications.

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FEATURES

- **High-Torque DC Motor:** Provides robust power for efficient cutting.

- **Variable Speed Control:** Customizable maximum speed to accommodate different materials.
- **Integrated Digital Micrometer:** Enables precise measurement for accurate sectioning.
- **Counterbalanced Specimen Loading:** Ensures easy and stable loading of specimens.
- **Optional Cutting Table Attachment:** Facilitates manual cutting of large flat specimens, including PCBs.
- **Built-In Wheel Cooling:** Integrated cooling system maintains optimal blade performance during operation.

TECHNICAL SPECIFICATIONS

Model	ToronCut M-150
Blade Feed	Cutting load
Blade(mm)	150*12.7*0.6
Blade speed (rpm)	200-1500, can be customized
DC Motor	125W
Power	110/220VAC, 50-60Hz, 1 Phase
Accessories	
Diamond Blade	●
Alumina Blade	○
SiC blade	○
Single Saddle	●
30/40mm Chuck	●
Irregular shaped specimen vise	●
Specimen teardrop holder	●

Dressing unit	☐
Cutting table	☐
Cutting Fluid	☐
● Standard ○ Option	



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