

Micracut 151 Low Speed Precision Cut Off Machine



MICRACUT 151 is a low speed precision cut off machine used for precise and deformation free cutting of materials found in any metallurgical, geological, electronic, research, biomedical or industrial laboratory. The cut surface is ready for microscopic examination with minimal polishing.

MICROCUT 151 accepts diamond and abrasive wheels up to 150mm diameter with a variable speed range between 0 to 1000 rpm. The gravity feed loading design minimises sample deformation. The sliding arm with counterweight allows precise force application. The digital micrometer enables the operator to set the cutting width with a resolution of 1 micron. The coolant tray is removable from the front of the instrument for easy cleaning. The cutting chamber is fully enclosed by a transparent hood. Blade dresser is an optional feature. At the end of the cut, an audible signal notifies the operator. Optional cutting table attachment is available for manual cutting of extra flat large specimens and PCBs. Supplied without specimen vice.

Specification

- Cut of Wheel: Ø 150mm
- Cutting Capacity: 50mm
- Motor Power: 100W
- Positioning range, X axis: 25mm
- Built in coolant system
- Cutting speed: 0 –1000 rpm
- Cutting method: Chop
- Size: 51cm x 43cm x 34cm
- Weight: 28 kg
- Electrical: 230V-1phase-50Hz

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