

# METCUT

# 12

ABRASIVE CUTTER



**MetLab**  
Corporation

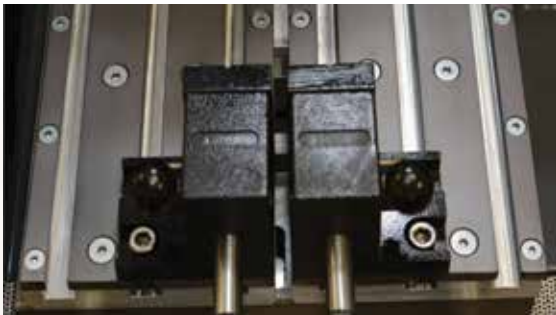


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# 12

## ABRASIVE CUTTER

*METCUT series of abrasive cutting machines offer an economical solution to your metallographic sample preparation needs.*



**TWIN T-SLOTTED CLAMPING TABLE WITH LEFT & RIGHT CAM VISE**



**HOOD SAFETY SWITCH**



**CONTROL PANEL**

- 12" (305mm) abrasive wheels
- 5 Hp Motor
- Left and right cam vises (not included)
- Reinforced FRP hood
- LED Light
- Overload protection
- Extra-large twin t-slotted clamping table
- Ergonomic Cutting Handle
- Amp meter
- Electronic safety lock on hood
- Electronic motor brake
- Four high flow coolant jets provides optimum cooling
- Side opening for large specimens
- Large shatter proof viewing window
- Cutting capacity up to 110mm
- Y Movement for (up to 250mm travel)
- Epoxy coated chamber for easy clean-up
- External cleaning nozzle for easy wash down
- 26 gallon (100 liter) re-circulating tank included

## TECHNICAL SPECIFICATIONS

Part #	50 03
Cutting Capacity	110 mm
Motor Hp	5 Hp
Wheel Diameter	up to 12" (305mm)
Arbor	1.25" (32mm)
Wheel Speed	2800 rpm
Operation Manual	Manual Y/Z Movement
Cooling Unit	26 gallon / 100 liters
Size	57" H X 36.25" W X 34" D
Weight	725lbs (329 kg)
Main	220V, 3 phase, 50/60 Hz

## ACCESSORIES

50 02-LV	Quick Acting Vise, Left
50 02-RV	Quick Acting Vise, Right
15 01	Quick clamping Device with clamping shoe, 90mm
15 02	Quick clamping Device with clamping shoe, 115mm

## RUBBER BONDED ABRASIVE CUT-OFF WHEELS

Made from sheets of natural rubber and have been manufactured by the "original calendered method." They have a unique composition that makes them ideal for high quality cool, burn-free sectioning on metallographic samples.

\* Please visit [www.metlabcorp.com](http://www.metlabcorp.com) to view various sizes and descriptions

## RESIN BONDED ABRASIVE CUT-OFF WHEELS

Uses aluminum oxide or silicon carbide particles in a bakelite binder. These wheels are especially formulated to give the ideal cut surface finish for metallographic preparations. These wheels are designated as our special 'METCUT' series.

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## SOLUBLE OIL

SOLUBLE OIL with rust inhibiting additive. For use with all abrasive cut-off machines and belt grinders which have contained recirculating systems. Blue, odorless, foam controlled. Sulfur and nitrate free. Mixture 40:1



LED LAMP



CHAMBER CLEANING NOZZLE



VISES



T-SLOT TABLE



SIDE ELECTRICAL PANEL



RECIRC TANK IN CABINET



CUT OFF WHEELS



EPOXY COATED CHAMBER



SOLUBLE OIL



RECIRC TANK

FOR ALL YOUR  
METALLOGRAPHIC  
NEEDS SINCE 1968



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