

LABORATORY ABRASIVE CUT OFF MACHINE METTACUT 120



Abrasive cutter is rugged , sturdy and designed to cut Metallurgical Samples to optimal quality consistently and safely . Cutting Wheel spindle is connected with motor shaft belt pulley drive. The movement of cutting wheel towards the specimen is applied by handle fixed with motor base pivot spindle and the cutter unit is balanced by springs for smooth chop type movement.

Features

Steady Movement Vice is made up of Hardened steel, specially designed. 4 inch twin auto clamping Split vice.

Coolant circulation System is provided with suitable filtering arrangement.

Light attachments system is provided for clean and accurate cutting of samples.

Heavy Duty motor is provided

Large Viewing window to monitor the cutting operation.

TECHNICAL SPECIFICATION

Operation :- Auto feed for z axis motor movement and y axis bed movement. Manual Movement for X axis. Table Bed size X axis 600mm and Y axis 500mm. Z movement auto feed is control by Hydraulic Movement or Servo motor.

Cutting Motor Power :- 10 H.P,3 Phase. With Variable Speed drive

Capacity- up to 120 mm dia. Can be cutt

Coolant Motor Power :-50 LPM Tulu Pump.

Floor Model with Sliding type door to avoid coolant spillage from top opening door.



METTECHNIK

One stop solution in Metallurgy Testing

Power Supply- Three Phase 440 Volt / 50 Hz

Variable Federate with Indicator for both movement , Amps & Voltage Indicator

Cut-Off Wheel Speed :- 0 to 2800 rpm with variable speed drive

Rigid Metal Base with Large shutter proof viewing window and florescent LED Lamp.

Coolant Tank – 160 liter recirculating tank with suitable filtering arrangement.

Easy mounting of Abrasive Wheel with flash guard for safety purpose

Cutting wheel size- 350 X 2 X 31.75

Cutting Capacity :- Up to 60 mm

:- 600mm W x 750mm D x 1000mm H. (Approx.).

Dimensions

Cut Off Wheel Size – 200mm

Body Cover- Fully FRP material with proper leakage sealant. Rust proof inner size coating.

Safety- Door close Limit switch and emergency Switch

We also supply all types of Metallography Equipments

