METALLOGRAPHIC SPECIMEN CUT-OFF MACHINE

ACO-50 Abrasive Cutting Machine is rugged, sturdy and designed to cut metallurgical samples to optimal quality consistently and safely. Cutting wheel mounted on the spindle to get the optimum output of the motor. 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 downward movement. It has cooling system so as to clear up the heat produced during cutting and avoid to burn the metallographic or lithofacies structure of specimen because of heat. This machine features easy operation and reliable safety. It is the necessary specimen preparing instrument for using in factories, scientific research institutes and laboratories of colleges.

KEY FEATURES: -

- Large viewing window to monitor the cutting operation.
- Inside chamber is illuminated and see-through hood is provided for monitoring the cutting operation.
- Coolant circulation is provided with suitable filtering arrangement.
- Emergency Stop Switch with Door limit Switch.
- Door Safety Interlock.
- Side Opening for Longer Component.
- Easy Operator Panel.

ACO-50

TECHNICAL SPECIFICATIONS: -

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Cutting Action	By manual Cut-Off wheel Arcs down
Cutting Capacity	Upto 50mm
Cut-Off Wheel Size	8” (200mm) ID: 31.5mm, Thickness: 1.5mm
Cutting motor Power	2 HP, 3Phase 420 Volts, 50Hz
Abrasive Wheel RPM	2800 RPM
Coolant Motor Power	0.1 HP 3Phase 2800 RPM
Coolant Tank	25 Ltr. Recirculating Coolant tank inbuilt
Cooling	By High flow water jets to provide optimum cooling
Table movements	X axis –100mm Y axis—120mm
Vice	Self-Centring 360 rotation, Jaw Opening 2”
Safety Feature	Emergency Stop Switch with Door limit Switch
Light in the working area	Fluorescent light in the working area provides safe and clear illumination.
Dimensions	600mm X 1000mm X 950mm (approx.)
Weight	100 Kg. (approx.)

* Due to continues product development, product image & Specifications are subject to change.
* Customization can be done as per user requirement.