



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

METALLOGRAPHIC SPECIMEN CUT-OFF MACHINE



- **VALUE**
- **VERSATILITY**
- **PERFORMANCE**

ACO-100

**DESCRIPTION:**

Our **ACO-100** Metallographic specimen cutting machine can be used to cut various metal and non-metal materials so as to get specimen and observe the metallographic or lithofacies structure. 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.

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.

TECHNICAL SPECIFICATION:

Model No.	ACO-100
Operation	Manual operation by moving motor to the sample. Sample can be moved by lead screw.
Cutting Action	By manual Cut-off wheel arcs down
Cutting Capacity	100mm
Cut-Off Wheel Size	12" (300mm)
Cutting Motor Power	3 HP, 2800 rpm 3 Phase, 415 Volts, 50Hz
Coolant Motor Power	0.1 HP
Coolant Tank	50 Ltr. Recirculating coolant tank inbuilt
Vice	Self-centring 360 rotation opening 4" jaw
Safety Feature	Emergency stop switch with door limit switch
Dimensions	1500mm X 1150mm X 1780mm
Weight	400 Kg. (approx.)

* Due to continue product development, product image & Specifications are subject to change.

* Customization can be done as per user requirement.