



MODEL METACUT-100 METALLOGRAPHIC SPECIMEN CUTTING MACHINE

Model METACUT-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 is a kind of Manual/Automatic cutting machine and can be switched between Manual and Automatic modes at will. Under automatic working mode, the cutting can be finished without human operation. The machine has large work table and long cutting length which make it possible to cut large samples. The main shaft of cutting disc can also move upward or downward which can prolong the using life of cutting disc greatly. The machine 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 superheat. 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.

Feature

- | Quick clamping vice.
- | LED lighting system
- | Main shaft of cutting disc is movable upward and downward
- | Two working modes of Intermittent cutting and continuous cutting
- | 60L water cooling system

Technical specifications

Max. cutting diameter: Ø 100mm

Rotating speed of main shaft: 2300 rpm

Sand wheel specification: 350 x 2.5 x 32mm

Automatic feeding speed: 0-180mm/min

Cutting disc upward and downward moving distance: 0-50mm

Forward and backward moving distance: 0-340mm

Working table size: 430 x 400 mm

Motor power: 3 KW

Power supply: 380V, 50Hz (three phases)

Dimensions: 970 x 940 x 650mm

Weight: appox. 307kg.

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