

HST-SQ100X Manual Metallographic Cutting Machine



Application:

HST-SQ100X metallographic specimen cutting machine adopts a fully enclosed double shell structure. The cutting room is separated from the motor room independently without influence on each other, which is safe and reliable. At the same time, the service life of the motor is greatly improved. 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

- Equipped with quick clamping vice, which can clamp samples more quickly and accurately.
- The operating hand wheel drives the motor to cut the sample in Y direction, and the speed is completely controlled manually.
- Special cooling water tank for circulating use of coolant.
- The main parts, such as cutter cover, grinding wheel spindle and clamp, are made of stainless material with long service life.
- The stainless steel sample placement tank on the right side improves the usability and convenience of the equipment.
- Large cutting range and transmission power.
- Smooth rotation and low noise

Technical Specifications

Model	HST-SQ100X
Max. Cutting diameter	Ø100mm
Cutting wheel size	Ø350x2.5x32 mm
Rotating speed	2800 rpm

Motor power	3KW
Emergency device	Emergency switch
Cutting chamber lighting	Low voltage DC lighting
Worktable size	240*232mm
Clamping device	Quick clamping vice
Cooling device	40L External circulating filter tank, multiple sprinklers and cooling water guns
Manual cutting mode	Manual Y-Direction Moving Cutting
Observing window	Explosion-proof transparent engineering plastics
Dimensions	768*780*1285mm
Weight	250kg
Power supply	AC 380V, 50Hz, three phases