

HST-SQ65A

Multi-function Metallographic Cutting Machine



Applications

HST-SQ65A is used to cut the metallographic specimens with irregular shapes such as cylinder, polygon etc., so as to observe the Metallographic and lithofacies structure of the material. It adopts the fully-sealed structure with double shields, which can guarantee the safety of operator. The cooling system with good coolant can take away the heat of cutting so as to protect the structure of specimen from being burned. During cutting, the specimen can be adjusted in any angles, which helps to avoid the minor burning when the specimen is cut to fall. At the same time the cutting cross section is increased, thus the utilization ratio of cutting sand wheel is improved. This machine, featuring convenient operation and reliable safety, is the necessary equipment for specimen preparation in laboratories, college researching institutes and factories.

Features

- Chuck can be rotated by handwheel so as to adjust the cutting angle of specimen
- Chuck can be moved in transverse direction by handwheel
- Motor and cutting disc can be moved in Longitudinal direction by handwheel
- Equipped with lighting system and water cooling system
- Automatic safety protection of machine shield cover

Technical Parameters

Model	HST-SQ65A
Max. Cutting diameter	Ø65mm
Rotating speed	2800rpm
Grinding wheel specifications	250*2*32mm
Longitudinal moving travel (Y-axis)	130mm
Transverse moving travel (X-axis)	50mm
Cutting table size	210*180mm
Motor	2.2KW
Dimensions and Net weight	780*620*1370,167kg
Power supply	three phases, 380V, 50Hz