

HST-SQ80 Manual Metallographic Cutting Machine



(picture only for your reference)

Introduction:

The HST-SQ80 manual metallographic cutting machine is suitable for cutting samples of various metal and non-metal materials in order to observe the metallographic and petrographic structures of the materials. This machine is easy to use, safe and reliable, and is one of the necessary equipment for making samples in factories, scientific research units and laboratories of universities and colleges.

This machine is a manual cutting machine, which can grasp and control the cutting progress at any time; Fully enclosed design with glass cover, allowing real-time observation of cutting dynamics, taking into account both safety and convenience;

The ultra-large workbench and ultra-long cutting distance make cutting large specimens a reality, and it has the function of moving up and down, which greatly compensates for the loss of the grinding wheel;

Equipped with a cooling device, the configured coolant can be used to take away the heat generated during cutting to prevent the sample from overheating and burning the sample tissue.

Main Technical Parameters:

Cutting Method	Manual
Spindle rotating speed	2800R/M

Max cutting Dia.	Φ80mm
Cooling system	water cooling
Cutting wheel	250×2×32mm
Motor Power	3KW
Workbench size	200*230mm
Cooling Liquid Tank	Cooling Liquid Tank 60L
Machine size	700mmX710mmX700mm
Power supply	380V,50HZ
Net weight of the main unit	119KG
Package dimensions	897*757*730mm
gross weight	140KG
Net size of water tank	470*370*300mm
Net weight of water tank	17KG
Water tank packaging size	650*445*460mm
Gross weight of water tank	27KG