

HST- LSQ120 Manual Metallographic Cutting Machine



Product Introduction

Metallographic cutting machines are mainly used for cutting metallographic samples and blanking and slitting various materials. They are widely used in manufacturing industries such as metallurgy, automobiles, and aerospace. Since the 1990s, metallographic sample preparation technology has developed very rapidly, and metallographic sample cutting machines, as metallographic sampling equipment, have also made great progress.

The HST- LSQ120 metallographic cutting machine is suitable for cutting metallographic and petrographic materials. It uses a low-noise waterproof motor. To ensure the best sample cutting under safe conditions, the machine adopts a fully enclosed double-shell structure and a professional clamping device. It is also equipped with a cooling water tank (environmentally friendly) that allows the prepared coolant to be circulated, which extends the service life and facilitates operation and maintenance.

Technical parameters:

Cutting chamber shell	steel plate	Standard configuration	
Maximum cutting diameter	120mm (pipe)	host	1 set
Effective workpiece length	200mm	Cooling system	1 set
Depth of cut tracking	Manual control	Random tools	1 set
Cutting table size	230*245mm	Propulsion clamp	2 sets
Cutting disc specifications	350*2.5*32mm	Metallographic cutting disc	1 piece
Clamping table specifications	The fixture table is divided into left and right sides, with a central cutting edge.	Technical documents	instruction manual, certificate of conformity, and packing list.
Cutting method	Manual		
Method of giving	Arbitrary adjustment		
Cutting chamber shell	steel plate		
Depth of cut tracking	Manual control		
Weight	190KG		