

HST-LDQ185Z Automatic Metallographic Cutting Machine



Application

HST-LDQ185Z automatic metallographic sample cutting machine is a large automatic cutting machine, using SIEMENS PLC with a very high reliability, strong controlability; in human-computer interaction using a touchscreen; the control adopts high precision stepper motor; it is suitable for cutting various metal specimens. Metal materials, in order to observe the metallographic, petrographic tissue. The machine cutting process automation with low noise, simple operation, safe and reliable, is one of the important equipment in modern laboratory production of solid material samples.

Features

- With ABB spindle motor , Schneider electric, and Mitsubishi software, these core components guarantee the quality.
- X,Y,Z axis can be automatically and accurately controlled or manually electronic hand wheel control.
- With two LED lamps and automatic exhaust system, it can increase the brightness and clarity of the cutting chamber.
- It has large cutting space and can feed cutting in multi-direction.
- The cutting door is completely closed when working, which is safe and reliable.

Main Specifications

Model	HST-LDQ185Z
Structure	Floor
Shell Material	Steel
Cutting diameter	185mm
Cutting table size	680×1030mm
Cut-off wheel	508×4×38.1mm
Cooling water tank volume	150L
Cutting mode	Chop-cutting, push cutting, sweep cutting
Feed method	Automatic feed rate
Cutting speed	0.01-1mm/s (adjust 0.01)
Cutting method	Manual / Automatic
Reset method	Automatic
Cooling system	Circulating water cooling
Rotating speed	0-1900r/min
Max movement	Z 260mm Y 350mm X 260mm
Power	380V 50Hz 11KW
Dimension	2005×1475×2200 mm

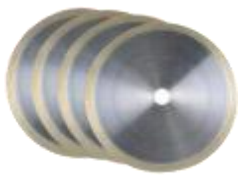
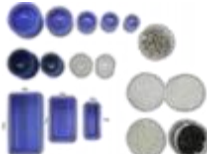
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Standard Accessories

1. Cutting machine host ----- 1 pc
2. Cut-off wheel ----- 1 pc
3. Water inlet pipe ----- 1 pc
4. Water outlet pipe ----- 1 pc
5. Water tank (Pump included) ----- 1 set
6. Spanner ----- 2 pcs
7. User manual ----- 1 pc
8. Certificate ----- 1 pc

Metallographic consumables

Focus on metallographic equipment and consumables research and development of professional brand

			
Diamond cutting piece	Resin cutting sheet	Metallographic cutting Coolant	CBN cutting piece
			
CM-7 Cold mounting material	Cold/hot mosaic powder	Die for cold Mounting	Mounting material
			
Diamond Grinding Disk	Metallographic sandpaper	MEGULAR	Diamond paste
			
Polishing powder	Polishing lubricant coolant	Metallographic polishing cloth	Polishing liquid