

HST-LDQ110Z Metallographic Specimen Cutting Machine



Introduction:

The HST-LDQ110Z automatic hand-in-one cutting machine is a vertical large gold-phase cutting machine designed and manufactured according to the principle of safety and environmental protection. It is suitable for cutting samples of various metal and non-metal materials to observe the gold phase and rock phase of the material and the rock phase. organize. This machine is stable, low noise, easy to operate, and safe use. It is one of the necessary equipment for laboratory to make solid material samples. This machine is composed of cutting system, cooling system, lighting system, cleaning system, etc. The upper part of the device is completely covered by the open and close protective cover. In front of the protective cover is a large and transparent observation window. With the high brightness lighting system, the operator controls the cutting process at any time. The workbench with a T-shaped groove with clamps can be competent to cut the cutting of various different types of workpieces. The super cooling system makes the workpiece do not burn when cutting, and the cooling water tank is placed on the left side of the device base, which is convenient for collecting residual scum dandruff. The door safety switch and explosion-proof cover ensure the safety of the operator.

Performance description:

- 1 The automatic machine controlled by a microprocessor is used for the gold phase tissue analysis.
- 2 Dedicated cutting sheet 350*2.5*32 (mm), which can customize dedicated cutting tablets for different materials for different materials for users.
- 3 This machine cutting method: cutting pulse cutting, cutting speed cut cutting. Plus pulse cutting, push the flat speed cutting
- 4 Equipped with a set of fast step fixture (one left and right).
- 5 Comes with an internal circulating cooling system, a set of water pumps, and a water tank (volume: 80 kg). The magnetic separator automatically handle the function of residual iron chips (optional) This machine was originally an ordinary filter tank.
- 6 Cutting rooms are divided into two cooling water spraying systems. Among them, two water is directly cooling the workpiece, and two water directly cool down the cutting section to ensure that the workpiece is not burned.
- 7 Equipped with 3000ml environmentally friendly coolant, which has functions such as cooling, lubrication, and rust. It can ensure that the workpiece is stainless for 8 hours. Effectively do equipment maintenance and improve the service life of the equipment.
- 8 The work area is equipped with LED lighting for easy observation.
- 9 can be automatically and manual.

Parameters:

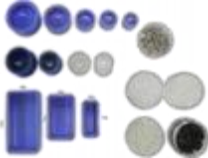
Model	HST-LDQ110Z
Maximum cutting through diameter	Φ110mm
Y -axis maximum cutting itinerary	240mm
Z -axis maximum cutting itinerary	150mm
Sand wheel specification	350*2.5*32mm
Rotating speed	2300rpm
Overall size	1710*1420*1810 (long*model*high)
power supply	380V (three phases) 50Hz with safe grounding
Motor Power	4KW
Remark	Optional is equipped with an infrared positioner to the knife and water tank magnetic separator

Standard configuration:

No.	Item	QTY
1	Movable workbench (standard) Y axis, Z axis, X axis (optional)	1
2	High -end touch display	1
3	PLC	1
4	High power motor (4KW)	1
5	Low -speed precision stepping motor	1
6	Low -voltage distribution	1
7	Magnetic separator (optional)	1
8	Fast clamping mouth	1
9	Attachment consumables such as: special cutting sheet for metallography. Environmental cooling lubricant	1

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