

HST-SQ80 Metallographic Sample Cutting Machine



Application:

The HST-SQ80 metallographic sample manual 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.

Features:

- This machine is equipped with a cooling system to take away the heat generated during cutting.
- The cutting machine uses a high-speed rotating thin-reinforced grinding wheel to cut the sample.
- The machine has the advantages of easy operation and easy maintenance, and is superior to similar domestic products.
- The cutting range and transmission power are also larger than similar domestic products, making it the best choice for sample cutting.

Parameters:

Model	HST-SQ80
Maximum cutting diameter	Φ80mm
Spindle speed	2800 r/min
Cutting power	3kw
Input voltage	Three-phase 380V、50HZ
Grinding wheel specifications	250*2*32mm
Dimensions	730*650*551mm
Packing Size	897*757*730mm
Net weight	118.75kg
Gross weight	139.7kg
Water tank size	470*370*300mm

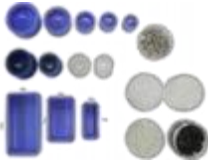
Water tank packing size	540*460*460mm
Water tank net weight	15kg
Water tank gross weight	25kg

Packing List:

Manual sample cutting machine	HST-SQ80	Set	1
Product Manual		Sheet	1
Product certification		Sheet	1
Packing List		Sheet	1
Wrench	30-32mm	Pc	1
Wrench	36 mm	Pc	1
Cutting disc	250mm	Pcs	2
Water inlet pipe		Pc	1
Water outlet pipe		Pc	1
Pipe clamp		Pcs	2
Water tank	Water pump is included	Set	1

Metallographic consumables

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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