

Low-speed Precision Metallographical Cutting Machine with Speed 10-600rpm

iCut-864 low-speed precision cutter is applicable to accurately cut off hard materials, especially high-value fragile artificial crystal.

There are four kinds of fixtures, so the processed work-piece can be cut at the optimal angle. It comes with a limit switch, can work without a watchman.

The spindle has high accuracy of operation, the horizontal feed position of the processed work-piece can slightly be adjusted, and the machine can be power-off automatically after cutting is finished.



Technical Parameters:

Model	iCut-864
Input voltage	220V/50Hz/1Ph; 110V/60Hz/1Ph
Max moving travel	25mm
Positioning accuracy	0.01mm
Wheel speed	10-600r/min
Cutting wheel size	Φ100mm x0.5mm x20mm
MAX cutting section	30mmx30mm
Motor	80W
Dimension	350mm x305mm x205mm
Net weight	18.5kg

High-speed Precision Metallographical Cutting Machine

iCut-866 Precision cutting machine is suitable for metal, electronic components, ceramic materials, crystals, carbide, rock samples, ore samples, concrete, organic materials, biological materials (teeth, bone) and other materials for precise cutting without distortion .

The machine has the features of high positioning accuracy; large speed range; built-in cooling system; can be preset feed speed; menu-driven control; liquid crystal display.

There are two locations clamp, 9 kinds of fixed cutting method, the user can freely define one kinds of cutting methods; enclosed cutting chamber with safety switch. It is an ideal equipment for industrial and mining enterprises, research institutes and high-quality sample preparation lab.



Technical Parameters:

Model	iCut-866
Feed speed	0.01-3mm/s
Wheel speed	500-5000r/min
MAX cutting diameter	Φ60mm
Input voltage	220V 50HZ
Maximum stroke	Y 200mm
Cutting wheel size	Φ200mm x1mm x32mm
Motor:	1.5KW
Dimension	820mm x735mm x435mm
Net weight	180kg