

Automatic precision cutting machine with max section 60mm iCut-460Z



Features:

High precision, bench-top automatic cutting machine;

Suitable for non-deforming materials cutting such as metal, electronic parts, ceramic, hard alloys;

High cutting accuracy and wide speed adjusting range;

Both diamond and resin cutting discs can be used;

Equipped with a LCD display with menu operation, large cutting chamber and safety protections;

Cutting table provided with T-slots to fix different vices;

Built-in recirculating cooling system with external magnetic separator.

Introduction:

Automatic precision cutting machine iqualitrol iCut-460Z is controlled by single chip, which is suitable for precise deformable cutting of metals, electronic components, ceramic materials, crystals, cemented carbides, rocks, minerals, concrete, organic materials, biological materials (teeth, bones) and other materials.

iqualitrol iCut-460Z cuts along Y axis which has high accuracy of positioning, wide range of speed regulating and strong cutting ability with the touch screen control and display.

The cutting chamber adopts totally enclosed structure with safety limit switch and transparent window for observation. With the circulation cooling system, the surface of the cut sample is bright and smooth without burns. It is the classic selection of benchtop automatic cutting machine.

Technical Parameters:

Model	iCut-460Z
Cutting Method	Automatic, Spindle feeding along Y axis
Feed Speed	0.7-36mm/min (Step 0.1mm/min)
Cut-off Wheel	Φ230×1.2×Φ32mm
Max. Cutting Capacity	Φ 60mm
Y axis Travel	200mm
Spindle Span	125mm
Spindle Speed	500-3000r/min
Electromotor Power	1300W
Cutting Table	320×225mm, T-slot 12mm
Clamping Tool	Quick clamp, Jaw height 45mm
Control and Display	7 inch touch screen
Power Supply	220V, 50Hz, 10A (380V optional)
Dimensions	850×770×460mm
Net Weight	140kg
Water Tank Capacity	36L
Pump Flow	12L/min
Water Tank Dimensions	300×500×450mm