

Automatic Metallographic Sample Cutting Machine with Coolant Tank

iCut-411 is a combination of manual and automatic control metallographic sample cutting machines, with high reliability and control ability. The cover of cutting room adopts transparent organic glass material. ventilation fan was installed to make sure the working room light and clear.

Main features as follows:

- (i) Manual and automatic cutting style freely exchange;
- (ii) Touch screen displays full cutting specifications;
- (iii) Precise positioning,
- (iv) Three cutting styles: Chop cutting, absolute cutting, incremental cutting;



Main Parameters:

Feed Speed	3mm/min, 5mm/min, 8mm/min
Y Axis Travel	235mm
Z Axis Travel	35mm (Cut Style)
Cutting Diameter	65mm
Water Tank Capacity	70 Liters
Motor	2.2Kw
Rotation Speed	500-3000rpm
Power Supply	AC380V/50Hz/3Ph/5 Wire
Dimension	800 x 760 x 1370mm
Weight	300Kg

Metallographic Sample Abrasive Cutter with Cut Diameter 100mm



iCut-408 multifunctional cutting machine mainly used to cut irregular metallographic samples such as round cylinder, polygon, protruding platforms, etc.

It adopts double-shells totally closed structure and double quick clamp organization to guarantee cutting under absolutely safe status. Feed speed is controllable.

In order to avoid sample organization burns during cutting, the machine is furnished with strong cooling system, can avoid even little burn of the sample surface while cutting.

Main Parameters:

Cutting Section	100mm x 100mm
Rotation Speed	2800rpm
Cutting Wheel	350 x 2.5 x 32mm
Motor	4Kw, AC380V/50Hz/3Ph
Dimension	850 x 760 x 1400mm
Net Weight	350Kg