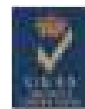




MCut-85

Manual Metallographic Cutter
(Cutting Capacity: 85mm)





Product Feature&Application

Product Feature

- High motor rotating speed and powerful cutting ability.
- Double-sided clamp device, fix sample firmly.
- Main parts of the clamp and cutting table are all made of stainless steel.
- Cutting chamber adopts closed structure with safety limit switch.
- An opening window in the left cover used for cutting long strip samples.
- Transparent organic glass window and built-in LED lamp for observation.
- Equiped with circulating cooling water system, the sample surface after cutting is bright and flat without burns.



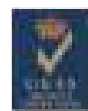
Desktop Type



Floor Type

Product Application

This machine is suitable for general metallographic and petrographic materials. By pulling spindle and using the spindle gravity to cut sample, ideal equipment for sample cutting. This model is divided into benchtop and floor type for customers to choose.



User Frindly

Transparent organic glass window and built-in LED lamp for observation. An opening window in the left cover used for cutting long strip samples, with quick clamping device.



Cutting Chamber



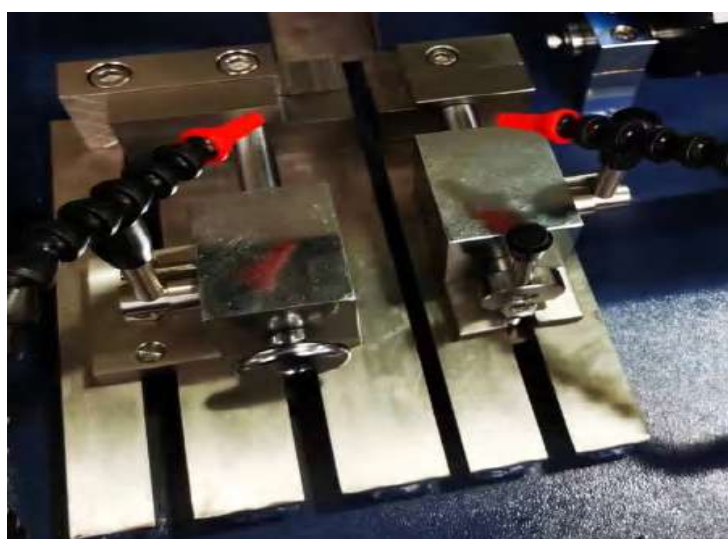
Quick Clamping Device



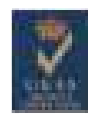
Opening window in the left cover



LED illumination inside Cutting Chamber



T-groove structure cutting stage



User Frindly

Two gas spring support to ensure safety, Cutting chamber adopts closed structure with safety limit switch, with emergency stop button.



Gas Spring Support



Gas Spring Support



Emergency Stop Button

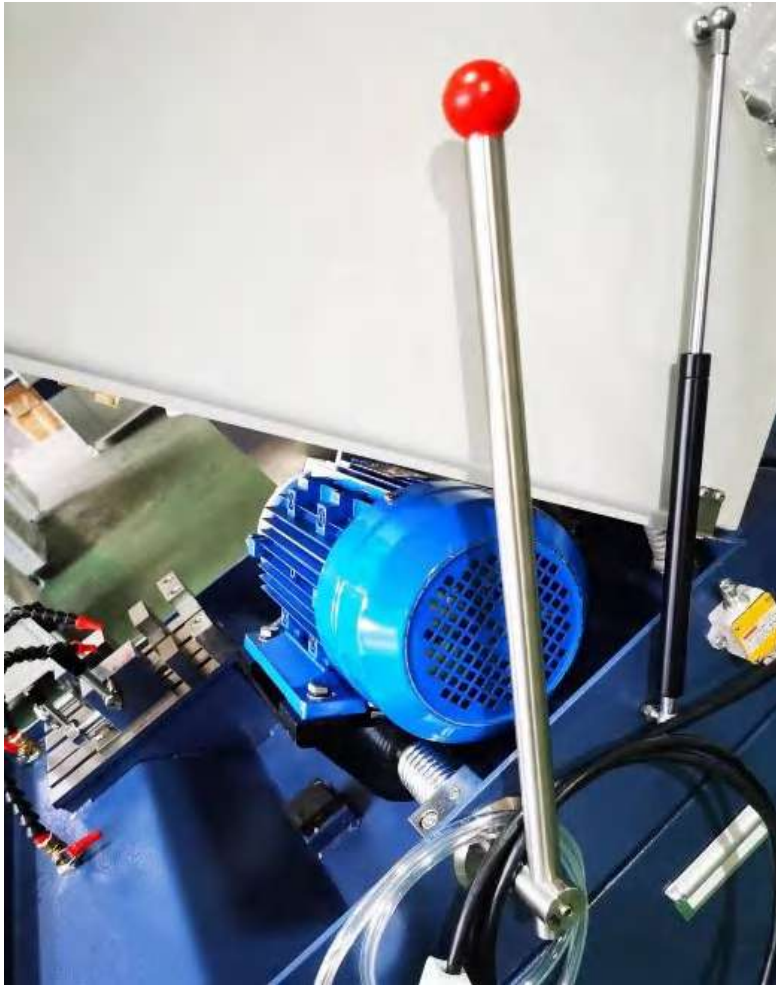


Safety Limit Switch



User Frindly

3KW powerful motor equipped, with Schneider power source By pulling spindle and using the spindle gravity to cut sample.



Spindle Pulling Cutting



3KW Powerful Motor



Schneider Power Source

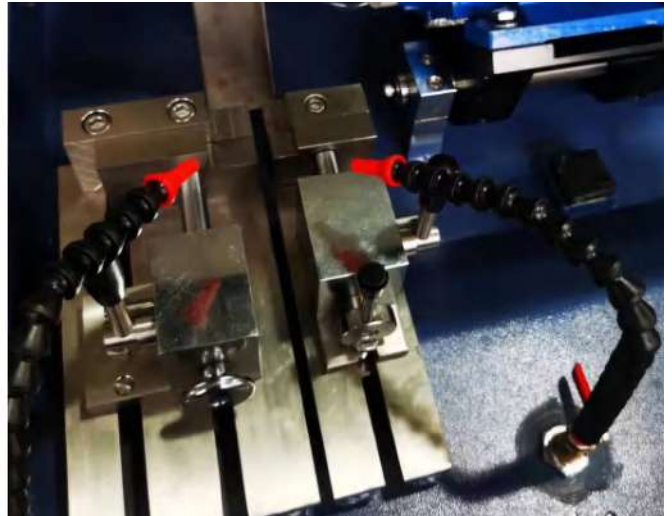


User Frindly

Circulating cooling water system, for both cutting disc and cutting sample,the sample surface after cutting is bright and flat without burns.



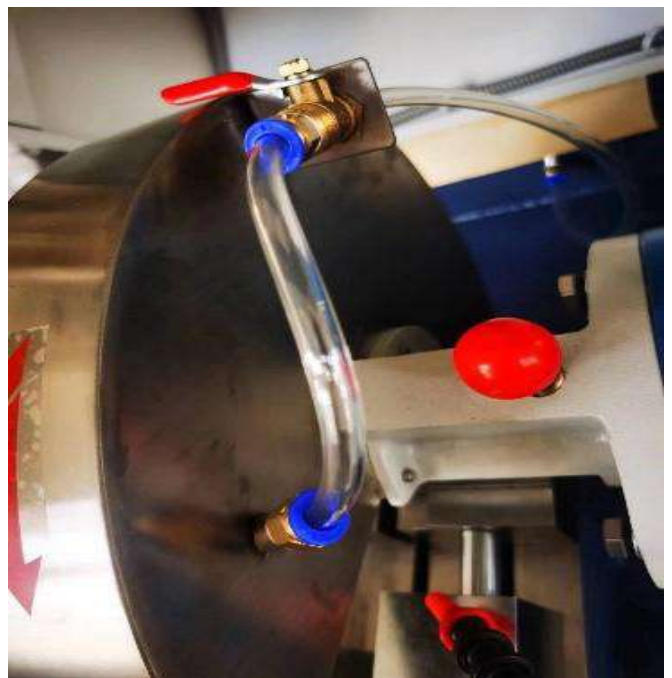
Water Tank



Water Impact Cooling



Water Inlet/Outlet



Water Impact Cooling



Flushing Water Gun



Flushing Water Gun



Ordering Information



MCut-85 Desktop Type Manual Metallographic Cutter

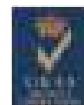


MCut-85 Floor Type Manual Metallographic Cutter



Technical Specification

Model	MCut-85
Cutting Method	Manual
Cut-off Wheel	Φ300×2×Φ32mm
Max. Cutting Capacity	85×85mm
Spindle Speed	2800r/min
Electromotor Power	3kW
Cutting Stage	204×240mm, T-slot 12mm
Clamping Device	Quick clamp, Jaw height 60mm
Power Supply	380V, 50Hz, 10A, Three-phase four-wire
Dimensions	730×700×540mm (750×730×1200mm floor type)
Net Weight	125kg(180kg floor type)
Water Tank Capacity	60L
Pump Flow	25L/min
Water Tank Dimensions	565×360×600mm
Water Tank Weight	27kg



Standard Delivery

Name	Specification	Qty
Machine Body	/	1 set
Water Tank	/	1 set
Cut-off Wheel	$\Phi 300 \times 2 \times \Phi 32 \text{mm}$ Resin cut-off wheel	2 pcs
Cutting Fluid	3kg	1 bottle
Spanner	14×17mm, 24×27mm	each 1 pc
Inner Hexagon Spanner	3mm, 6mm	each 1 pc
Water Inlet Pipe	1/2 Metal pipe	2 pcs
Water Outlet Pipe	$\Phi 48 \text{mm}$	1 pc
Usage Instruction Manual	/	1 copy



Water Tank



Resin cut-off wheel



Cutting Fluid