



Metallography Abrasive Cutting Machine - QualiCut™ 350A



APPLICATIONS

Metallography Abrasive Cutting Machine - QualiCut™ 350A

Metallography Abrasive Cutting Machine - QualiCut™ 350A designed for precision and reliability. Powered by a Siemens PLC system, it delivers advanced control and consistent performance.

Featuring a user-friendly touchscreen interface and a high-precision stepper motor, this machine is ideal for cutting a wide range of metallic and non-metallic materials for metallographic and structural analysis.

It serves as a key piece of equipment in laboratory environments.



TECHNICAL SPECIFICATIONS

Metallography Abrasive Cutting Machine - QualiCut™ 350A Technical Specifications

Model	QualiCut™ 350A
Cutting mode	Chop-cutting, automatic type Z push cutting, manual type Y
Spindle speed	2300RPM
Working table	475 × 240mm
Cutting room	860 × 630mm (stainless steel material)
Maximum movement distance in Y axis	240mm
Feed speed in Y axis	0.03-0.5mm/s
Feed speed in Z axis	0.03-0.5mm/s
Cutting capacity (Max)	Φ110mm
Cut-off wheel	Φ350 × 2.5 × 32mm
Cutting motor	4KW
Input voltage	380V 50HZ
Dimension	1710mm × 1420mm × 1810mm
Control box size	274 × 390mm
Net weight	500kg
Pump & tank	100L

Model	QualiCut™ 350A
Coolant flow rate	100L/min
Hole size for long sample (two sides)	260 × 136mm
Optional accessories	Transversal worktable (X axis), Max. movement is 70mm Manual type Schneider safety lock



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