



GenCut GL200E – High Speed Automatic Precision Metallographic Cutter with User-Friendly Touch Screen Interface with max. cutting diameter of 60mm



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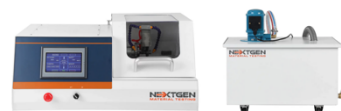
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Description

[GenCut GL200E](#) high-speed [precision cutting machine](#) includes a touch screen and PLC control, with stable performance and real-time display of cutting parameters. The GenCut GL 200E features Y-axis automatic feed cutting, with high position accuracy, large speed range and high cutting capacity; the cutting chamber is a fully enclosed structure with transparent protective cover for observation during cutting. It is equipped with a circulating cooling system allowing for the surface of the cut specimen to be bright and flat without burns.

The GenCut GL200E is especially suitable for precision deformation-free cutting of metals, electronic components, ceramic materials, crystals, hard alloys, rock and ore, concrete, organic materials, biological materials (teeth, bone) and other materials, and is ideal for automatic precision cutting on the table.

GenCut GL200E Technical Specifications

Model	GenCut GL200E
Cutting Method	Automatic spindle Y-feed (automatic return when cutting is complete), manual feed, pulse feed (automatic return when cutting is complete)
Feed Speed	0-600mm/min (Adjustment steps of 0.01mm)
Cutting Wheel Size	Φ200 x 1.0 x Φ32mm
Spindle Speed	500-5000rpm
Y-Axis Travel	260mm
Maximum Cutting Diameter	Φ60mm



Motor Power	1500W
Input Power	220V 50/60Hz 1 Phase
Display and Control	Touch Screen
Cutting Platform Dimensions	225 x 320mm
Cutting Fixture	Quick Clamp
Dimensions & Weight	33" x 32" x 16"; 287lbs / 830 x 820 x 410 mm; 130kg
Transverse Clamping Width	225mm
Longitudinal Clamping Length	150mm

GenCut GL200E Standard Configuration

- GenCut GL200E Cutting Saw
- Coolant Chamber
- Wrench 13#-15#
- Wrench 17#-19#
- Internal Hexagonal Wrench 6mm and 8mm
- Water Inlet Tube
- Drain Pipe
- Diamond Cutting Wheel $\Phi 200 \times 1.0 \times \Phi 32$ mm and Operation Manual

GenCut GL200E Features

- Digital Touch Screen Control with programmable menu structure for a user-friendly operating experience
- Precision cutting off with micrometer head control
- Closed transparent protective cover and safety switch provide protection for operators
- Closed loop control cutting to prevent overload of the motor
- Automatically stops after finishing the cut
- Built-in Movable Coolant Tank
- Compact body, small footprint and convenient operation and maintenance

*** Request a [formal quotation](#) or send an e-mail to sales@nextgentest.com for the most up-to-date pricing and applicable discounts and incentives.**