



Advanced Motorized Multi-Specimen Notching and Broaching Machine for Impact Testing on Plastic Specimens GenNotch 3000

Standards

[ISO 179](#), [ISO 180](#), [ASTM D6110](#), [ASTM D 256](#), [GB/T1043](#), [GB/T 1843](#)



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Description

The GenNotch 3000 machine is designed for creating notches in plastic specimens for [Charpy impact testing](#). It has a capacity to hold 20 samples simultaneously and can process 60 samples within a 10-minute timeframe. With its high processing accuracy, it significantly enhances work efficiency. Moreover, it adheres to [ISO179](#) and [ISO180](#) standards. The knife used in the machine is made of imported steel alloy, ensuring a hardness greater than HRC60 and providing a long lifespan.

GenNotch 3000 Main Technical Specifications

- Workbench stroke: >90mm
- Knife working speed: 0-90mm/min
- Sample size: 15x0.39x0.16-inch / 80mmx10mmx4mm (customizable)
- Knife notch type: A type (optional types available)
- Feeding speed: 0-2.5mm
- Feeding stroke: 0.39-inches / 10mm
- Feeding method: Electric feeding and return
- Power supply: 1-phase, 110V, 60Hz, 400W
- Machine dimensions: 72x15.35x14.17-inches / 450mmx390mmx360mm
- Machine weight: 55lbs / 25kg

GenNotch 3000 Knife Specifications

- A type knife: Angle of $45^\circ \pm 0.2^\circ$, radius of 0.25 ± 0.05 (standard supply)
- B type knife: Angle of $45^\circ \pm 0.2^\circ$, radius of 1.0 ± 0.05 (optional)
- C type knife: Angle of $45^\circ \pm 0.2^\circ$, radius of 0.1 ± 0.02 (optional)



Standard Configuration

GenNotch 3000 Seies	
Solid wrench (12-14)	1 piece
Hex wrench (5mm)	1 piece
Power line	1 piece
Length block (L120)	1 piece
Length block (L80)	1 piece
Length block (L63.5)	1 piece

* 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