INSTRON®

The difference is measurable®

Does Your Notch Quality have an Adverse Effect on your Data Reliability?

Research has shown that the quality of the notch cut is one of the biggest contributors to variability in test results.

Whether testing amongst multiple labs or by various operators in one lab, having properly notched Charpy or Izod test specimens is the first step in obtaining repeatable and accurate test results.

The Instron® Motorized Notcher allows an operator to create notched specimens accurately, quickly, and safely. An interlocked cover fully encloses the cutting area, preventing access to the work space during operation. The instrument uses a linear knife cutting technique to avoid overheating and consequent specimen stress during the notching operation. The knives, which can be re-sharpened, are offered in both carbon steel and tungsten carbide, and meet the requirements of international test standards including: ASTM D256, ASTM D6110, ISO 179, ISO 180, ISO 8256, and DIN 56435.

System Features

- Interlocked safety cover protects operator from moving knife
- Adjustable cutting speed: 12 – 42 m/min
- Specimen feed via rotation of micrometer with digital readout (0.001 resolution)
- Interchangeable, constant profile knife with single cutting edge
- Specimen capacity: Holds samples up to a total thickness of 25 mm

www.instron.com

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