

IZOD IMPACT TESTER FOR PLASTICS



Precision and Performance for Impact Testing - The Izod Impact Tester for Plastics model Toron™ -Impact IZIT-5 offers an economical comprehensive solution for investigating the behavior of specific specimen types under defined impact conditions.

APPLICATIONS

Izod Impact Tester for Plastics Application Overview:

The Izod Impact Tester for Plastics model Toron™ -Impact IZIT-5 offers an economical comprehensive solution for investigating the behavior of specific specimen types under defined impact conditions. It serves as a crucial tool for estimating the brittleness or toughness of specimens while adhering to the inherent limitations of the test conditions.

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How Izod Impact Tester for Plastics Works?

The test specimen, supported as a vertical cantilever beam, undergoes a single impact from a striker. The impact line is fixed at a specific distance from the specimen clamp and, in the case of notched specimens, from the centerline of the notch.

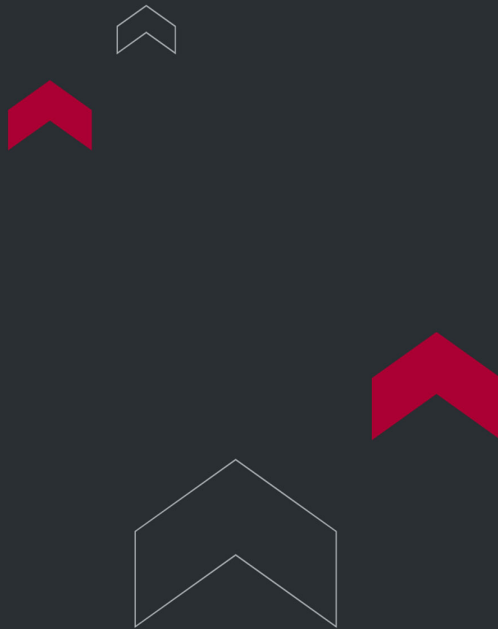
FEATURES

Key Features of IZIT-5 Toron™ -Impact Izod Impact Tester for Plastics

- 1. **Intuitive Touch Screen:** A 10" full-color touch screen allows for quick and easy input of specimen parameters, automatic calculation of impact strength, and convenient test data storage.
- 2. **USB Connectivity:** Equipped with a USB interface, this tester can directly export data via a USB stick, enabling easy data import to your PC for editing and printing test reports.
- 3. **Traditional Pendulum Design:** Our high-mass, traditional pendulum design concentrates energy precisely at the impact point, resulting in minimal energy loss due to vibration.
- 4. **Versatile Impact Energies:** Generate multiple impact energies with a single pendulum, offering flexibility for various testing scenarios.
- 5. **Precision Measurement:** The electrics include a high-resolution encoder for accurate measurement of the impact angle.
- 6. **Automatic Corrections:** Results are automatically corrected to account for energy loss due to air and mechanical friction.

TECHNICAL SPECIFICATIONS

Energy Levels (Max Capacity):	Choose from 1J, 2.75J, 5.5J
IZOD Testing Impact Speed:	3.5m/s
Measurement Resolution:	0.01J
Experience the ultimate in precision and performance with our Izod Impact Tester for Plastics. It's your trusted partner for impact testing, providing accurate and reliable results every time.	



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