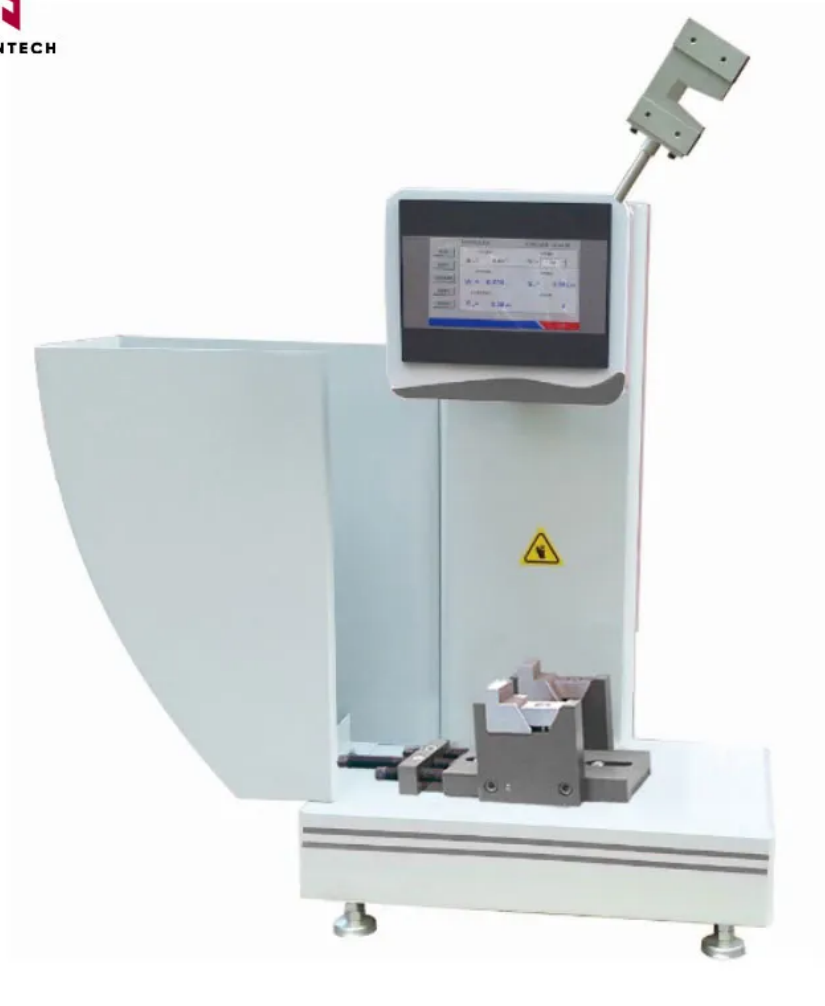




CHARPY IMPACT TESTER FOR PLASTICS - TORONIMPACK™ CIT-5

The Charpy Impact Tester model ToronImpact™ CIT-5 is your trusted economical tool for conducting impact & resilience tests on rigid plastic materials.

ISO 179 Part 1 (Non-Instrumented Impact Test)

APPLICATIONS

Charpy Impact Tester for Plastics Application Overview

The Charpy Impact Tester model ToronImpact™ CIT-5 is your trusted economical tool for conducting impact & resilience tests on rigid plastic materials. It is designed to determine the impact fragility characteristics of materials under standardized stress conditions. Our testing method aligns perfectly with ISO 179 - Part 1 (Non-Instrumented Impact Test).

Charpy Impact Tester for Plastics

How Charpy Impact Tester for Plastics Works?

The sample, positioned horizontally and supported near its ends, becomes ready for testing. A single, high-velocity impact from the striker, with the impact point right in the middle of the supports, initiates the test. This results in a significant bending and breaking effect, capturing valuable data for analysis.

Charpy Impact Tester for Plastics

FEATURES

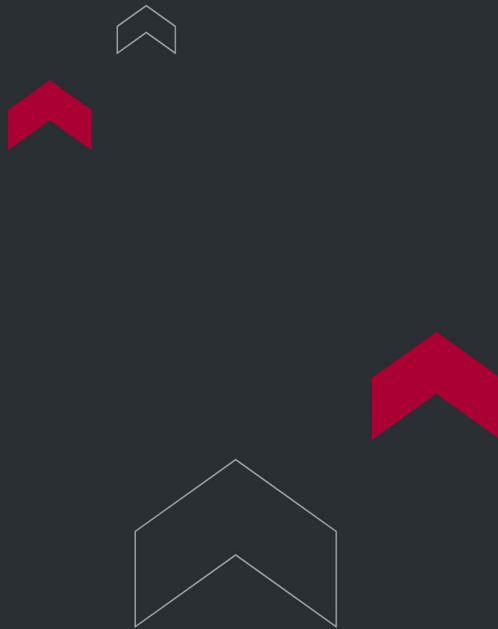
Key Features of ToronImpact™ CIT-5 Charpy Impact Tester

- 1. **Versatile Impact Speeds:** Generate impact speeds of 2.9m/s and 3.8m/s, as well as various impact energies, all with a single pendulum.
- 2. **Traditional Pendulum Design:** Our high-mass, traditional pendulum design concentrates energy precisely at the impact point, minimizing energy loss due to vibration.
- 3. **Precision Measurement:** Equipped with a high-resolution encoder, our Charpy Impact Tester ensures accurate measurement of the impact angle.
- 4. **User-Friendly Control:** A user-friendly touch screen control interface allows for quick and effortless input of testing parameters.
- 5. **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, 2J, 4J, and 5J
Span of Charpy:	62mm
Charpy Testing Impact Speed:	2.9 m/s
Measurement Resolution:	0.01J
Notch Specifications:	Notch A: 45º±1º, Radius of the notch bottom, R=0.25±0.05mm Notch B: 45º±1º, Radius of the notch bottom, R=1±0.05mm Notch C: 45º±1º, Radius of the notch bottom, R=0.10±0.02mm

Experience precision, reliability, and efficiency with our Economical CIT-5 ToronImpact™ Charpy Impact Tester. It's the trusted choice for impact testing in the modern era.



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

