



TORONTECH



FALLING WEIGHT IMPACT TESTERS FOR PLASTIC PIPES, PVC, AND ELECTRICAL CONDUITS - TORONFWI™ -SERIES

Falling Weight Impact Testers for Plastic Pipes, PVC, and Electrical Conduits - ToronFWI™ - Series

Torontech's ToronFWI™ -Series Falling Weight Impact Testers—also known as Drop Weight Impact Testers—are specifically designed to evaluate the impact resistance of plastic pipes, PVC conduits, and thermoplastic pipe materials. Engineered to comply with ASTM D2444, UL651A, and ISO 3127 standards, these testers deliver accurate, repeatable results for manufacturers and quality control laboratories worldwide. Combo models supporting both UL and ASTM testing methods are also available.

Precision Testing for Critical Applications

Impact strength is a vital property for plastic piping used in water supply systems, electrical conduit installations, sewage, and underground applications. The ToronFWI™ -Series ensures that your products meet regulatory and safety standards, withstand handling, and perform reliably under real-world conditions.

Conformance to International Testing Standards

ASTM D2444 - Standard Test Method for Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

This U.S. standard determines the impact resistance of plastic pipes and fittings by dropping a weighted tup from a specified height. It is widely used in the North American market for thermoplastic pipe quality control and compliance certification.

UL651A - Testing Standard for Schedule 40 and 80 PVC Conduits

UL651A is critical for PVC electrical conduits, especially Schedule 40 and 80. It includes rigorous falling weight impact testing to verify the pipe's ability to withstand physical abuse without cracking, chipping, or shattering. It is a key requirement for electrical installations under UL listing standards.

ISO 3127 - International Standard for Impact Test on Thermoplastics Pipes

This global ISO standard specifies methods for determining the impact resistance of thermoplastic pipes, including PVC-U, PE, and PP. Widely adopted in Europe, the Middle East, and Asia, it ensures compliance with international product quality specifications.

Why Choose Torontech's ToronFWI™ -Series Falling Weight Impact Testers?

1. Models tailored to meet ASTM D2444, UL651A, and ISO 3127
2. Available in single-standard and combo-standard configurations
3. Robust frame and precision drop height control for repeatable results
4. Intuitive operation with adjustable impact energy settings
5. Ideal for pipe manufacturers, QA/QC laboratories, electrical conduit producers, and plastics research facilities

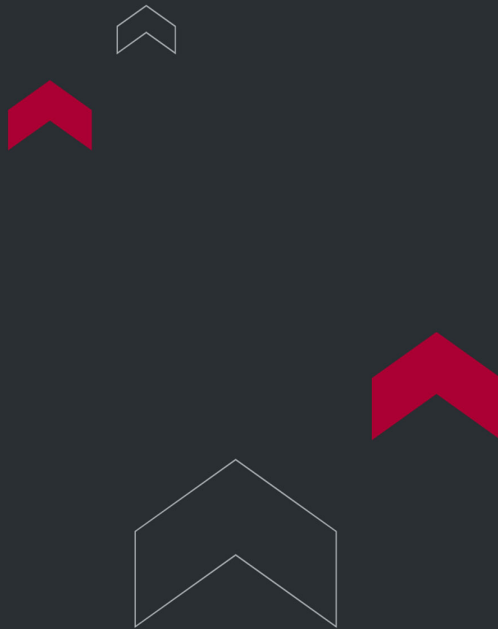
Explore Our Product Line

Torontech offers the ToronFWI™ -Series in multiple models tailored to your specific compliance needs:

1. ASTM D2444 Falling Weight Impact Tester
2. UL651A Falling Weight Impact Tester
3. ISO 3127 Falling Weight Impact Tester

Engineered for Accuracy. Built for Compliance.

Whether you're producing electrical conduits, sewage pipes, or potable water systems, Torontech's Falling Weight Impact Testers are your trusted solution for compliance, performance validation, and market-ready quality assurance.



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