



FALLING WEIGHT IMPACT TESTER FW

Benz Falling Weight Impact Tester offers superior impact resistant testing.

The Benz Materials Testing Instruments Falling Weight Impact Tester, the FW, tests the impact resistance of plastic film, sheet, and laminated materials. It conforms fully to ASTM D-1709 methods A and B and to ISO 7765-1988.

The Benz FW enables manufacturers and processors of packaging, paper, foil, film, and other thin sheet materials to easily, accurately and safely test the breaking strength of film, sheet and laminated samples.

A great number of samples can be tested in a very short period of time.

Testing with the Benz FW is simple and straightforward. A specific weight is dropped from a specific height onto a firmly held sample. A 50% failure rate is usually used to determine a benchmark.

One of the keys to its accuracy is the FW's 3 point, non-slip pneumatic grip, which holds samples firmly and dependably. It releases in an instant, allowing samples to be changed without delay.

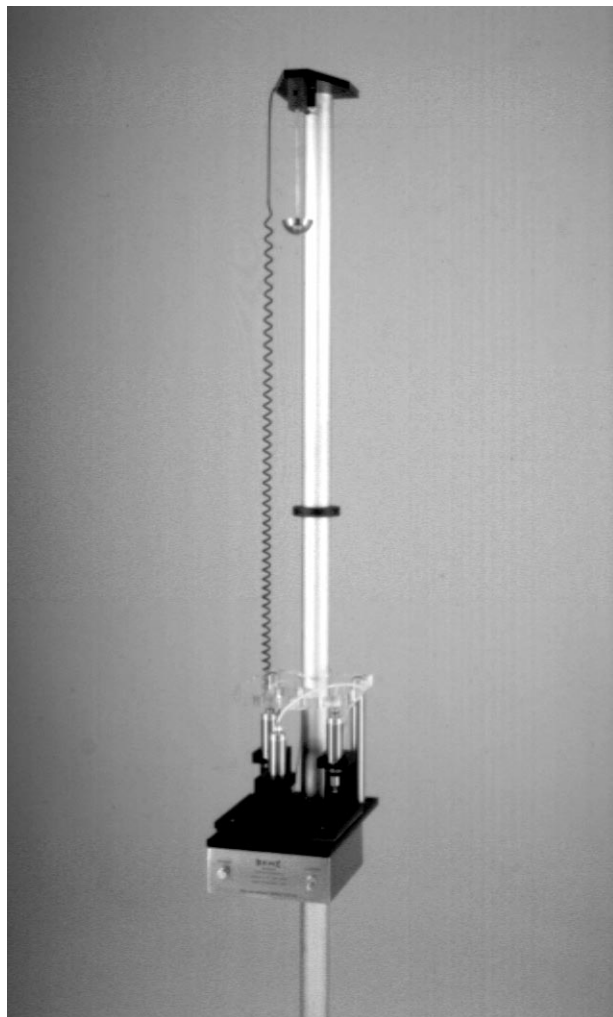
Test results are also accurate because of independent air pressure regulation. The Benz air pressure system is time-tested in its even-pressure sample clamping.

High volume testing is routine because of easy access to the sample holding area, pneumatic sample changing, and automatic dart containment.

Because the automatic dart containment locks automatically, releasing only on demand, the Benz FW has an excellent safety record. The mechanism is non-electric, and the safety shield is shatterproof.

The Benz FW can be used for multiple purposes with either Method A or Method B standards. Extra darts and weights are available with every machine, both to provide back-up for lost darts and weights and to enable any FW to test a wide range of materials.

The FW is made in our factory and is constructed of high quality, non-rusting materials – aluminum, stainless steel and glass-filled plastics. It measures 24" square by 72" high (61x61x183cm) and weighs 50 lbs. (23kg). It operates on 50 psi air pressure. Options include additional weights to 2,000 grams and a controlled temperature chamber.



Other Benz Testing Instruments

- Tensile Testers • Bond Testers • Abrasion Testers • DeMattia Flex Testers • Plastometers
- Glassware • Melt Flow Indexes • Viscometers • ODR Rheometers • Brittlepoint Testers
- Specific Gravity Testers • Durometers • Molds and Dies • Grips and Fixtures
- Block Ovens • Clicker Presses • TR Testers

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Benz Materials Testing Instruments is a trade name for Edwin H. Benz Co., Inc.