



# FALLING WEIGHT IMPACT TESTER

## TFWT-A10



[www.labtron.com](http://www.labtron.com)

[info@labtron.com](mailto:info@labtron.com)

## Falling Weight Impact Tester TFWT-A10

Falling Weight Impact Tester TFWT-A10 is mainly used to calculate impact resistance of thermoplastic sheets, pipes and plastic fittings under given specified conditions of impact by means of falling weight. It determines anti-impact properties of plastic pipes, sheets and other products. This impact tester is adopted with PLC control & digital touch screen technology for controlling parts like proper figure setup, zero adjustment, preset dropping height, raising & dropping hammer. Adopted with pneumatic technology to prevent secondary impacts with 100 % capture rate.

### Features

- Adopted with double pipe structure
- Adopted with PLC controlled system
- Digital touch screen technology
- Adopted with pneumatic technology prevents secondary impacts
- Determines anti-impact properties of materials

### Applications

Falling Weight Impact Tester is used for impact testing strength of plastic sheets, pipes.

### Specifications

Model no.	TFWT-A10
Temperature range	10 to 35 °C
Maximum falling height	2000 mm
Resolution of displacement	1 mm
Height error	< ± 2 mm
Hammer mass	0.25 to 16 kg
Noses of strikers	d25 to d90
Diameter of test pipes	10 to 450 mm
Dimension	730 × 700 × 3600 mm
Weight	300 kg
Power supply	AC 220 V +/- 10 %, 50 Hz single phrase