



## Impact Tester for Bottles

Glass bottles are more prone to breakage as compared to PET bottles. Hence manufacturers need to check the durability and the impact resistance strength of bottles. The bottle impact tester is used to test the impact strength of these glass bottles.

This is a highly accurate instrument which helps determining the impact resistance of the glass products such as containers, bottles, windshields, etc. This test is performed to ensure that the glass products are robust enough to withstand harsh working conditions. The impact tester for glass bottles manufactured by Testronix provides the user with highly accurate results. This instrument helps in performing the test as per international standards and is designed as per ASTM standards..

This testing instrument consists of a solid base stand with a guide tube support. The guide tube has a slot that directs a weight that slides up and down with the pendulum that fits into the weight.

**MODEL NO. TX- ITB 100**





## FEATURES

- Impact level range of up to 2.6 Newton / Meter available energy
- Anti-friction needle bearings
- Accurate alignment with minimum inertia
- The rigid, light-weight suspension
- The Head is designed to maximize the impact force applied to the bottle
- Stainless steel collet chute retains fragments from rigid containers while the shell design eliminates interference with testing
- Steel backstop with adjustable positioning guide
- Screw and crank provide rapid, accurate, and reproducible height adjustment
- Mild Steel Powder coated body

## SPECIFICATION

- Test Load: 61 gm  $\pm$ 5gm, 68 gm  $\pm$ 5gm, 250gm  $\pm$ 10gm,
- Bottle Sample Clamp: Adjustable up to 200 mm
- Pendulum Shaft height: 250 mm  $\pm$ 5mm
- Scale Range: up to 90 Degree
- Scale Least Count: 1 Degree
- Pendulum releasing mechanism: Spring operated manually
- Test Load: 3 nos.
- Dimensions: 410 x 560 x 800 mm

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