

ISO Impact Tester

BYK-Gardner ISO Impact Tester

Used for testing impact resistance of coatings on metal substrates. In accordance with ISO standard, the test panel is fixed on the die using a clamping device, so that the panel surface outside the test area is not affected by the rapid deformation caused by the falling weight.

- Anodized guide tube with a scale in inches and mm
- Tolerance for ISO falling weights ± 1 g
- Maximum falling weight 2 kg
- Exchangeable falling weights and dies
- Maximum lift distance 100 cm



Impact Tester

The impact tester consists of a solid base stand with a guide tube support. The guide tube has a slot that directs a cylindrical weight that slides up and down with the use of a collar that fits into the weight. Graduations are marked along the slot to facilitate reading where the weight is dropped. The base of the instrument includes a die support. The weights have built-in steel balls that provide different geometrical configurations. It is important that the ball diameter fits into the die to prevent shearing the test samples at the inner rim of the die. In order to limit the indentation depth of the falling weight, distance rings of different thickness can be fitted. Also, different weights can be used.



Standards

ISO 6272-1

Catalog Number	5512
Short Description	ISO Impact Tester
Scale	Metric, English
Weight	9.4 kg 20.7 lb
Dimensions: L x W x H	25 x 25 x 127 cm 10 x 10 x 50 in

Delivery Content

Basic plate with clamping device
Guide tube with collar
Scale in mm and inch

Catalog Number	Short Description
5532	Falling Weight 1 kg, for 5512
5525	Die, for 5512
5527	Added Weight 1 kg, for 5512
5533	Set of Distance Rings, for 5512
5520	Falling Weight 2 lbs, 0.5 in, for 5512
5522	Falling Weight 2 lbs, 0.6 in, for 5512
5521	Large Die 0.5 in, for 5512
5528	Small Die 0.5 in, for 5512
5523	Large Die 0.6 in, for 5512
5529	Small Die 0.6 in, for 5512
5526	Added Weight 2 lbs, for 5520/5522