

Heavy-Duty Impact Tester

This impact tester has gained wide acceptance in testing the impact resistance of many types of coatings from paints to varnishes to tough plated, plastic or laminated coatings. It is also widely used to establish quality control standards for resistance to impact surface damage and penetration of many construction materials including plastics, resins, fiberglass, sheet metals, and plywood.

Two models are available:

English Model

- Two and four pound weights included
- Maximum allowable force of 80 and 160 inch-lbs
- Round nose punch, 0.625 in diameter
- Guide tube 40 in
- Die inside diameter 0.64 in

Metric Model

- One and two kilogram weights included
- Maximum allowable force of 100 and 200 kg-cm
- Round nose punch, 1.59 cm diameter
- Guide tube 100 cm
- Die inside diameter 1.63 cm

Standards

ASTM D 2794, D 3029,

D 4226, D 5420

ISO 6272-2



Heavy-Duty Impact Tester 1120

Ordering Information

Cat. No.	Description
1120	Heavy-Duty Impact Tester, English
5545	Heavy-Duty Impact Tester Metric

Comes complete with:

Anvil
Guide tube with collar
Scale in inch or cm
Weight(s); Die
Punch (Tup)
Operating instructions

Technical Specifications

Scale	Weights included	Dimensions	Net Weight	Shipping Weight
English	0.9 kg & 1.8 kg (2 lbs & 4 lbs)	127 x 14 x 29 cm (50 x 5.5 x 11.5 in)	10.4 kg (23 lbs)	15.9 kg (35 lbs)
Metric	1 kg & 2 kg (2.2 lbs & 4.4 lbs)	127 x 14 x 29 cm (50 x 5.5 x 11.5 in)	10.4 kg (23 lbs)	15.9 kg (35 lbs)

Note: Sample thickness maximum is 12.7mm (0.5 in)

Accessories for 1120 impact tester

Cat. No.	Description
1240	Falling Weight 2 lbs, 1120/5545
1241	Falling Weight 4 lbs, 1120/5545
1231	Lift Screw, 1120
1243	Ball Punch 0.625″, 1120
1264	Die 0.640 in, 1120/5545-5547
1248	Guide Tube, 1120
5542*	Base Assembly, 1120, 5545

Note: * The Base Assembly set contains: base, anvil, arm, and arm support

Accessories for 5545 impact tester

Cat. No.	Description
5539	Falling Weight 500 g, 1120/5545
1249	Falling Weight 1 kg, 1120/5545
1250	Falling Weight 2 kg, 1120/5545
5538	Guide Tube, 5545
5543	Label 0 - 100 kg-cm
5544	Label 0 - 200 kg-cm

Additional accessories available – please call our applications department for further information