

Tubular Impact Tester

Tubular Impact Tester is used to determine the impact and flexibility of coatings. The coated specimen is placed between top of a die and intender. On the specimen a hemispherical punch is produced by an intender, when it allows it to fall from a specific height.

The specimen is removed from the tester and the damage of the coating caused by the rapid deformation of the metal is evaluated through observation. The Impact Tester is heavy duty in construction. It is useful for the paint and coating, cosmetic, pipe, and steel industry.

Base is made of mild steel duly power coated. The Impact Tester is provided with aluminium tube duly powder coated. Inches and cms is abbreviated on the tube. Standard height of the tube is 40 inch. Different weights and dia of intender are available.

Standard: ASTM D 2794, IS 101 (Part 5 / Sec. 3), ISO 6272-1, ISO 6272-2

Raj Make

Technical Specifications:

Ref No.	134/1 IS	134/2 ASTM	134/3 ISO	134/4 ISO
Guide Tube 40 inch height	●	●	●	●
Intender Dia				
12.7 mm		●		●
15.9 mm		●		●
20.0 mm	●		●	
Base Die				
16.3 mm		●		●
27.0 mm	●		●	
Intender Weight				
2 lb		●		●
4 lb		●		●
1 kg	●		●	
2 kg	●		●	



Accessories required for testing:

- M.S. Panel size : 150 x 100 x 1 mm

Package Includes:

Tubular Impact Tester base, tubular impact tester tube, base die, intender & spares.

Ordering Informations:

- Ref No. 134/1 Tubular Impact Tester (IS Standard)
- Ref No. 134/2 Tubular Impact Tester (ASTM D 2794 Standard)
- Ref No. 134/3 Tubular Impact Tester (ISO 6272 -1 Standard)
- Ref No. 134/4 Tubular Impact Tester (ISO 6272 -2 Standard)

HSN Code: 90248099

Wedge Bend Tester

Wedge Bend Tester is used to measure both flexibility and impact resistance of sheet metal coating in a single operation and assess the deformity of a fully cured coated sheet after a sudden bending stress. The Impact folding test simulates common sheet metal processing movements, such as punching, folding, flanging, bending crimping.

Wedge Bend Tester has a parallel guide impact hammer with a weight of 2300 ± 100 gms and with a drop height of 650 ± 5 mm. There is also a bending mandrel of 5 mm diameter on the base plate, on which the sample sheet for the impact folding test can be pre-bent. It is made up of mild steel with powder coated for durability. It is used in the coating, steel and fabrication industry.

Standard: ASTM D 3281

Raj Make

Technical Specifications:

Intender Weight	: 2300 ± 100 gms
Intender Height	: 650 ± 5 mm
Panel Size	: 150 x 50 mm
Panel Thickness	: 0.10 - 0.4 mm

Accessories required for testing:

- Tin Panel size 150 X 50 x 0.3 mm

Package Includes:

Wedge bend tester, manual, spares and calibration certificate.

Ordering Informations:

Ref No.138 Wedge Bend Tester

HSN Code: 84622910



Dupont Impact Tester

Dupont Impact Tester determines the endurance of coating material, by analysing the impact of a falling known weight from a specific height on the coatings. The purpose of the test is to see whether test specimens can resist the effect of rapid impact testing or not.

Dupont Impact Tester has been designed to evaluate the resistance of a dry film of paint, varnish or related products when it is subjected to a deformation caused by a falling weight dropped under standard conditions after curing. It is widely used in the paint, coating, steel, pipe and fabrication industry.

Standard: ISO 6272, JIS K 5400

Raj Make

Technical Specifications:

- Dropping Height : 0 - 500 mm
- Dropping Weight : 100, 300, 500, 1000 gm
- Intenders : Having spherical ends with radii of
1.6, 3.2, 4.8, 6.35, 12.7 mm
- Impact Receiver Block : Having spherical dents of radii of
2.8, 4.4, 6.0, 7.55, 13.9 mm
- Holding pin : To hold the weight at a particular height

Accessories required for testing:

- MS Panel size 150 x 100 mm

Package Includes:

Dupont impact tester, manual, weight, indenters, spares and calibration certificate.

Ordering Informations:

Ref No.135 Dupont Impact Tester
HSN Code:- 9024



Falling Block Impact Tester

Falling Block Impact Tester is used to conduct the test of coating resistance from impact when it is dropped from a certain height. It is designed according to BS 3900 E3. The Block is allowed to fall from a certain height and the damage caused on the coating is evaluated on the basis of adhesion, flexibility, deformability after impact testing. The Falling block impact tester is used in Automobile, Steel & Pipe, Paints and coating Industry etc.

Standard: BS 3900 E3

Raj Make

Technical Specifications:

- Block Weight : 4750 gm
- Maximum Height : 572 mm
- Intender Diameter : 14.3 mm
- Receiver Diameter : 19 mm

Accessories required for testing:

- MS Panel size 150 x 100 mm

Package Includes:

Falling block impact tester, manual, spares and calibration certificate.

Ordering Informations:

Ref No.277 Falling Block Impact Tester
HSN Code: 9024

