



GENEAL SPECIFICATIONS

Packaging Dimensions: (W*D*H) 640*350*1460mm

Power supply source: single-phase, 220V±10%, 50/60Hz (can be appointed)

Gross Weight: 42kg

STANDARD FEATURES

Item	Specification	
General material	Coating specimens	Plastic specimens (optional)
Max height	50~500mm	50~1000mm
Impact head radius	1/2,1/4,3/16,1/8,1/16in,5mm	7.9mmR(5/16"R)
Impact platform radius	Plane 1/4,3/16,1/8,1/16in	8.1mmR, 15mmR
Weight	300,500,1000g one in each	1000g,2000g in each
Balls control method	Manual setting	

APPLICATIONS

This machine is used for testing the firm degree of the plastic, ceramic, acrylic, glass fiber materials and coating material according to test standard ASTM-D2794.

Film/Plastic Film

- ASTM D882: **Tensile Test**
- ASTM F1306: **Puncture Test**
- ASTM D1938: **Trouser Tear Test**
- ASTM D2732: **Thermal Shrinkage Test**
- ASTM D1709, ISO 7765-1: **Free-Falling Dart Method**
- ASTM D1894: **Static and Kinetic Coefficients of Friction**
- ASTM D1424, ASTM D1922, ISO 1974: **Elmendorf Tearing Strength Test**

Plastic& Plastic Pipe

- ISO 180: **Izod Impact Test**
- ISO 9966: **Ring Stiffness Test**
- ISO 179: **Charpy Impact Test**
- ISO 4892: **Weathering Aging Test**
- ASTM D3163: **Plastic Lap-Shear Test**
- ISO 4422, ISO 3127: **Pipe Impact Test**
- ASTM D4565, ISO 11357, EN 728: **DSC/OIT**
- ISO 75: **Heat Deflection Temperature (HDT)**
- ASTM D1598: **Hydrostatic Pressure and Burst Test**
- ISO 1133, ASTM D1238: **Melt Flow Rate Test(MFR/MVR)**
- ASTM D790, ISO 178, ISO 14125, ASTM D6272: **Bend Test**
- ISO 306, ASTM D1525: **Vicat Softening Temperature (VST)**
- ASTM D882, ASTM D 638, ISO 527, ASTM D1708: **Tensile Test**

Rubber

- ASTM D412, ISO 37-2005, JIS K6251, DIN 53504-2009: **Tensile Strength & Elongation Test**
- ASTM D1149-07, ASTM D1171-99, ISO 7326, ISO1431-1, DIN 53509-1: **Ozone Aging Test**
- ASTM D624-00, ISO 34-1: **Tearing strength Test**
- ASTM D395-03, ISO 815-1: **Compression Set Test**
- ASTM D2240-05, ISO 7619-1, JIS K6253, ISO 868: **Shore Hardness Type A/D**
- ASTM D573, ASTM D865, ISO188 Method B, DIN 53508 **High/ Low Temperature Test**
- ISO 2781(Method A): **Density Test**
- ASTM D5289-95/ ISO6502: **No-Rotor Rheometer/Curemeter**
- ASTM D1646: **Mooney Viscometer**