

HD-F750 Foam Compression Hardness Tester

EQUIPMENT DETAILS



GENERL SPECIFICATIONS

Packaging Dimensions: (W*D*H) 700*920*1200MM

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

Gross Weight: 170kg

APPLICATIONS& TEST PURPOSE

The machine is used to test material compressed indentation hardness, such as sponge, foam and other porous elastic. Put specimen under pressure plate, the plate compress the specimen with a specify speed until the national standard require concavity, the load cell feedback the pressure to computer, it processing and display, then measure the indentation hardness of sponge, foam and other materials.

DESIGN STANDARD : ISO 3385, ASTM D 3574

STANDARD FEATURES

Control and display	Computer
Sensor	Load cell
Capacity	200KG
Unit	Kg, N, LB
Up plate	Diameter 200mm, bottom fillet R1mm
Low plate	400×400mm, holes diameter 6mm, space 20mm
Max stroke	500mm
Test speed	0~500mm/min
Motor	Servo motor
Driver	Taiwan high precision ball screw
Power	Single phase, 220V, 50Hz
Machine Weight	160KG
Dimension	790×590×1010mm
Accessories	One computer with software

HD-F750 Foam Pounding Fatigue Tester

EQUIPMENT DETAILS



GENEERL SPECIFICATIONS

Packaging Dimensions: (W*D*H) 950*680*1230MM

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

Gross Weight: 190kg

STANDARD FEATURES

Max capacity	200kg
Plane plate	Holes diameter 6mm, space 20mm
Indentor	Having an overall diameter of 250 mm \pm 1 mm with a 25 mm \pm 1 mm radius at its lower edge
Test force	750 N \pm 20 N during one loading cycle
Speed	(70 \pm 5) times per minute
Sample size	Test pieces shall be right parallelepipeds having sides of length 380 mm \pm 20 mm and a thickness of 50 mm \pm 2 mm.
Counter	6 digits cycle counter for test cycle setting
Display	LCD touch screen
Additional function	Adjust the test position during testing to compensate the force automatically
Dimension	760 \times 780 \times 1350mm

APPLICATION STANDARDS:

ASTM D 3574, ISO 3385

HD-F754 Foam Rebound Tester

EQUIPMENT DETAILS



GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 680*470*860mm

Power supply source: single-phase, AC220V±10%, 50/60Hz (can be appointed)

Gross Weight: 40kg

STANDARD FEATURES

Drop height	500±0.5%mm
Drop ball	Diameter: \varnothing 16±0.05 mm, mass 16.8g ± 1.5 g
Accuracy	<1.5%
Display	LCD Touch Screen interface
Sensor	Optical fiber sensor
Test result	Rebound height, rebound rate and average rebound rate after 5 test times
Sample size (L×W×H)	100 mm×100 mm× 50mm
Machine dimension (L×W×H)	570×300×570mm
USB interface	Output test results by USB
Accessories	One drop ball, one sample tray and one pick rod