

HİRA TESTING EQUIPMENT



AUTOMATIC MARSHALL COMPACTOR, ASTM

STANDARDS: ASTM D1559, ASTM D 6926, AASHTO T245

This ruggedly constructed machine has been designed to eliminate the laborious process of hand compaction.

The apparatus automatically compacts the sample and stops after the preset number of blows.

The mould is held in position by a quick and practical clamping device. The trip mechanism is arranged so that the sliding hammer falls at the same distance for every blow. The compactor includes the laminate hardwood block.

All moving parts are protected with safety guard, which stops automatically the compactor when opened, and the control panel is fit with an emergency stop red button.

There are 2 models designed for 4" and 6" dia. Marshall molds.

In the model for 4" dia. Marshall molds, The drive mechanism lifts the 4536 g ± 9 gr compaction hammer, plated against corrosion, to the height of 457mm ± 3 mm allows free fall.

In the model for 6" dia. Marshall molds, The drive mechanism lifts the 10205 g ± 10 gr compaction hammer, plated against corrosion, to the height of 457mm ± 3 mm allows free fall.

Soundproof Safety Cabinet is available as optional and should be ordered separately.

Spare Parts & Accessories:

Product Code	Product Name
HR-AS1755/2	Compaction Hammer for HR-AS1755
HR-AS1760/2	Compaction Hammer for HR-AS1760
HR-AS1750/1	Soundproof Safety Cabinet for HR-AS1755
HR-AS1760/1	Soundproof Safety Cabinet for HR-AS1760



HR-AS1755

Technical Specifications:

Product Code	HR-AS1755	HR-AS1755/60Hz	HR-AS1760	HR-AS1760/60Hz
Product Name	Automatic Marshall Compactor			
Suitable Sample Dia.	4"		6"	
Blows frequency	60 blows in 60 s			
Sliding mass weight (g)	4536 ±9		10205 ± 10	
Free fall height (mm)	457 ±3			
Overall dimensions (cm)	55x190x55		60x195x70	
Weight (kg)	127		140	
Power Supply	220 V, 50 Hz, 1 ph	220 V, 60 Hz, 1 ph	220 V, 50 Hz, 1 ph	220 V, 60 Hz, 1 ph