

## MANUAL MARSHALL COMPACTORS

STANDARDS: ASTM D6926, D5581, AASHTO T245 (for HR-AS1700)

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

The trip mechanism is arranged so that the sliding hammer falls at the same distance for every blow.

Manual Marshall Compactor is used to compact Marshall Specimens with hand, manually. The sliding weight is  $4536 \pm 9$  gr and dropped by the user from a height of  $457 \pm 3$  mm manually.

The assembly consists of a compaction hammer, wooden compaction pedestal, support rod to hold the hammer in perpendicular position and mould holder.

2 models are available. HR-AS1700 is used for 4" diameter moulds and HR-AS1705 is used for 6" diameter moulds.

### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-AS1700	Manual Marshall Compactor Set (4")	35x40x160	50
HR-AS1710	Manual Marshall Compactor Set (6")	35x40x160	56

### Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-AS1700/1	Compaction Hammer for HR-AS1700	10x10x11	8
HR-AS1701	Wooden Compaction Pedestal	35x40x160	42
HR-AS1705	Compaction Hammer (BS)	10x10x11	8
HR-AS1710/1	Compaction Hammer for HR-AS1710	10x10x11	14



HR-AS1700

## AUTOMATIC MARSHALL COMPACTOR, EN

STANDARDS: EN 12697-10, EN 12697-30

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 and vibrated concrete base  $45 \times 45 \times 20$  cm.

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, all conforming to CE prescriptions.

The drive mechanism lifts the  $4550 \text{ g} \pm 20$  gr compaction hammer, plated against corrosion, to the height of  $460 \text{ mm} \pm 3$  mm allows free fall.

### Technical Specifications:

Product Code	HR-AS1750	HR-AS1750/60Hz
Product Name	Automatic Marshall Compactor	
Blows frequency	50 blows in 55/60 s	
Sliding mass weight (g)	$4535 \pm 15$	
Free fall height (mm)	$457 \pm 5$	
Overall dimensions (cm)	$55 \times 192 \times 55$	
Weight (kg)	265	
Power Supply	220 V, 50 Hz, 1 ph	220 V, 60 Hz, 1 ph



HR-AS1750