

HİRA TESTING EQUIPMENT



AUTOMATIC MARSHALL COMPACTOR, ASTM

STANDARDS: ASTM D1559, 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.

The drive mechanism lifts the 4536 g ± 9 gr compaction hammer, plated against corrosion, to the height of 457mm ± 3 mm allows free fall.

Technical Specifications:

Product Code	HR-AS1755	HR-AS1755/60Hz
Product Name	Automatic Marshall Compactor	
Blows frequency	60 blows in 60 s	
Sliding mass weight (g)	4536 ±9	
Free fall height (mm)	457 ±3	
Overall dimensions (cm)	55x192x55	
Weight (kg)	240	
Power Supply	220 V, 50 Hz, 1 ph	220 V, 60 Hz, 1 ph



HR-AS1755

MARSHALL MOULDS

STANDARDS: EN 12697-10, 12697-30, ASTM D1559, D6926, D5581; AASHTO T245

The Marshall Compaction Moulds are used to produce the Marshall specimens with automatic or manual compactors.

Complete with base plate, mould body and collar. Marshall Mould is made of Steel and plated against corrosion.

Technical Specifications:

Product Code	Product Name	Standard	Dimensions	Weight (kg)
HR-AS1770	Marshall Mould Set	EN	Ø 101,6 mm	3,7
HR-AS1775	Marshall Mould Set	ASTM	4"	3,7
HR-AS1780	Marshall Mould Set	ASTM	6"	6



HR-AS1775

Spare Parts & Accessories:

Product Code	Product Name	Standard	Dimensions	Weight (kg)
HR-AS1770/1	Mould Body for HR-AS1770	EN	Ø 101,6 mm	1,3
HR-AS1770/2	Base plate for HR-AS1770	EN	Ø 120 x 170 mm	1,5
HR-AS1770/3	Collar for HR-AS1770	EN	Ø 101,6 mm	0,9
HR-AS1775/1	Mould Body for HR-AS1775	ASTM	4"	1,3
HR-AS1775/2	Base plate for HR-AS1775	ASTM	Ø 120 x 170 mm	1,5
HR-AS1775/3	Collar for HR-AS1775	ASTM	4"	0,9
HR-AS1780/1	Mould Body for HR-AS1780	ASTM	6"	2,2
HR-AS1780/2	Base plate for HR-AS1780	ASTM	Ø 175 x 210 mm	2,5
HR-AS1780/3	Collar for HR-AS1780	ASTM	6"	1,3
HR-AS1790	Filter paper for HR-AS1770 & HR-AS1775	ASTM	4"	---
HR-AS1795	Filter paper for HR-AS1780	ASTM	6"	---



HR-AS1795



HR-AS1790