

NORDIC ABRASION TESTING MACHINE

STANDARDS: EN 1097-9; UNI 8520-13-16

Nordic Abrasion Machine has been developed for testing the resistance of aggregates to wear by abrasion from studded tyres. The test is performed on natural or artificial stones and aggregates between 11.2 mm and 16.0 mm.

The test consists of a rotating aggregate in a drum containing steel abrasive balls and water. The machine consists of an electronic control unit and a rolled stainless steel drum having an internal diameter of 206.5 mm, internal length of 335 mm and thickness of 6 mm. The drum is rotated at a speed of 90 ± 3 r.p.m. 3 wings are installed inside of the drum to allow the balls and aggregates to be mixed properly.

The abrasion loss rate of aggregates is calculated after the specified number of revolutions stated in the relevant standard.

11,1 mm diameter steel balls (3.5 kg.) should be ordered separately.

The Nordic Abrasion Machine is supplied complete with \varnothing 15 mm, 7 kg Steel Balls.



HR-A0850

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (mm)	Weight (kg)
HR-A0850/1	Steel Balls	\varnothing 15	7
HR-A0850/2	Steel Balls	\varnothing 11.1	3,5

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-A0850	Nordic Abrasion Machine	72x40x65	70	220 V, 50 Hz, 1 ph
HR-A0850/60Hz	Nordic Abrasion Machine	72x40x65	70	220 V, 60 Hz, 1 ph

SAND ABSORPTION (ABRAHAM CONE) SET

STANDARDS: EN 1097-6, BS 812, ASTM C127-C128

Used in determining the specific gravity and absorption of fine aggregates.

Apparatus is manufactured from plated steel for protection against corrosion.

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0725	Sand Absorption Cone and Tamper	9x9x18	0,5
HR-A0725/1	Sand Absorption Cone	---	0,3
HR-A0725/2	Tamper Rod	---	0,2



HR-A0725