

HİRA TESTING EQUIPMENT



FLAKINESS (THICKNESS) GAUGE

STANDARD: BS 812

To verify if aggregate is flaky; i.e. if its thickness is less than 0.6 of its nominal size.

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0730	Flakiness (Thickness) Gauge	31x13x1	0,4



HR-A0730

LENGTH GAUGE

STANDARDS: BS 812

Used to determine the elongation index of aggregates: i.e. if length is more than 1.8 of nominal size.

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0732	Length Gauge	37x7x7	0,8



HR-A0732

SHAPE INDEX CALIPER

STANDARDS: EN 933-4, 933-5, 933-7

For measuring the length/thickness ratio of individual particles.

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0734	Shape Gauge	45x15x5	0,4



HR-A0734

LOS ANGELES ABRASION MACHINE

STANDARDS: EN 1097-2, 12697-17, 12697-43, ASTM C131, AASHTO T96

Los Angeles Abrasion Machine is used for determination of aggregates resistance to fragmentation. The machine consists of an electronic control unit and a rolled steel drum having an inside diameter of (711 ± 5) mm and internal length (508 ± 5) mm. The drum is rotated at a speed of between 31 and 33 r.p.m.

The machine is equipped with automatic counter, which allows stopping when the preset number of revolutions is completed. There is a tray supplied with machine for easy discharge of specimen.

Los Angeles device with Sound proof (security) cabinet is available. Manufactured from sheet steel, internally lined with sound-proofing material for noise reduction, conforming to CE safety directives. When opening the cabinet's door during Los Angeles working, a micro switch automatically stops the rotation of the drum.

Locking Mechanism is also available as optional and (should be factory installed) should be ordered separately. Locking mechanism of the drum helps the user when filling the samples and lock the door nuts.

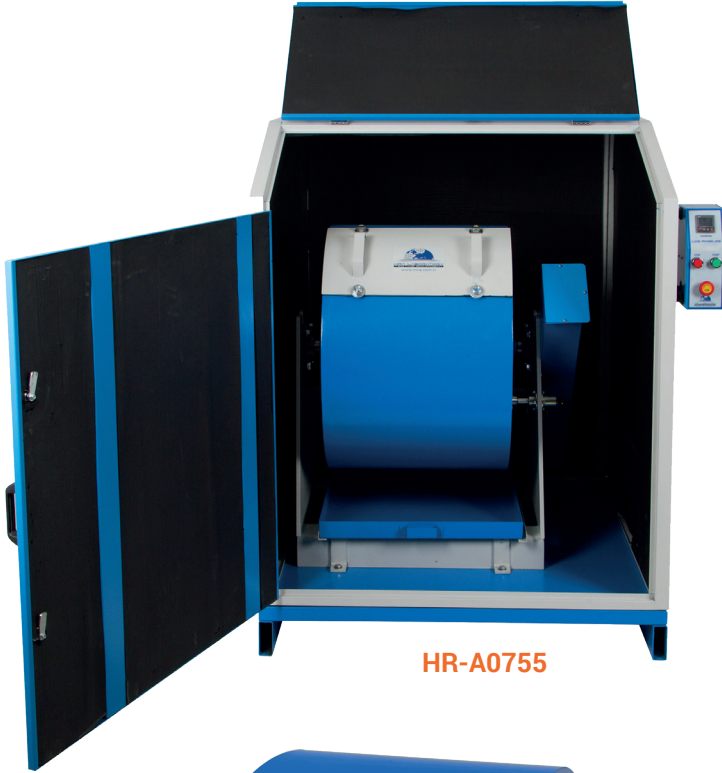
Abrasive charges should be ordered separately according to the standards.



HR-A0750

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-A0750	Los Angeles Abrasion Machine	100x90x100	400	220 V, 50 Hz, 1 ph
HR-A0750/60Hz	Los Angeles Abrasion Machine	100x90x100	400	220 V, 60 Hz, 1 ph
HR-A0755	Los Angeles Abrasion Machine with Safety Cabinet	110X115X125	500	220 V, 50 Hz, 1 ph
HR-A0755/60Hz	Los Angeles Abrasion Machine with Safety Cabinet	110X115X125	500	220 V, 60 Hz, 1 ph



HR-A0755



HR-A0755



HR-A0760 & HR-A0761



HR-A0750 with HR-A0765



HR-A0765

Spare Parts & Accessories:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-A0765	Locking Mechanism	---	---
HR-A0760	Set of 12 Abrasive Charges, ASTM, UNI, CNR	Approx. Ø 4,7	0,390-0,445 (Total 5 ± 0,025)
HR-A0761	Set of 11 Abrasive Charges, EN	Ø 4,5 - 4,9	0,400-0,445 (Total 4,690-4,860)