



**LOS ANGELES
ABRASION
TESTER**

AGGREGATE

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Los Angeles Abrasion Testing Machine



PRODUCT MODEL

AG1260	Los Angeles Abrasion Machine, 220-240 V 50/60 Hz
AG1260/110	Los Angeles Abrasion Machine, 110 V 60 Hz

PRODUCT STANDARDS

Standards	TS EN 1097-2, 12697-17, 13450 ASTM C131, C535 AASHTO T96
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INFORMATION

Manufacturer	TESTMAK INS.LAB.MAK.SAN.VE TİC. PAZ. İTH. İHR. LTD. STİ
Country of Origin	TURKEY
Product Name	Los Angeles Abrasion Machine

Los Angeles Abrasion Testing Machine

DESCRIPTION

The TESTMAK Los Angeles Abrasion testing machine is used for determine resistance to degradation testing of coarse aggregates with a smaller than 37.5 mm.

The test sample is consist of clean aggregate which has been dried in an oven at 105 to 110°C tosub-stantially constant weight and conform to one of the gradings. The test sample and the abrasive charge shall be placed in the Los Angeles abrasion testing machine and the machine rotated at a speed of 31 to 33 rev/min.

The machine is so driven and so counter balanced as to maintain a substantially uniformperipheral speed.

At the completion of the test, the material shall be discharged from the machine and a preliminaryseparation of the sample made on a sieve coarser than the 1.70 mm IS Sieve.

Los Angeles Abrasion machine is consists of a hollow steel cylinder, with a wall thickness of 12 mm closed at both ends having an inside diameter of 711 mm, and an inside length of 508 mm. The drum rotates at 31 – 33 rpm. Supplied with an automatic digital counter that shows the number of revolutions for the drum. Abrasive charges should be ordered separately.

- 1.6 mm, 10mm, 11.2mm (or 12.5mm) and 14 mm sieves acc. to EN Standard should be ordered separately.
- 1.7 mm(No.12) sieve and other sieves which chance depending the grain size acc. to ASTM and AASHTO standards, should be ordered separately.

OPERATION

- 1- Firstly should prepare sample as described in the related standard.
- 2- Before operation, should check that the cover plate fits snugly into the loading aperture in the drum and that the retaining nuts are fully tight permitting no movement of the cover.



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3- The digital counter should be set to 31-33 rounds.



4- The drum should be released by pulling back the safety pin.



5- Check that the tray sits squarely within its locations on the base framework.

6- Then the test is started by pressing the start button.

TECHNICAL SPECIFICATIONS

Dimensions	1000x940x1000 mm
Weight	340 kg
Power	220-240 V 50/60 Hz 750 W



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