

LOS ANGELES ABRASION MACHINE

101-A0089-100

LOS ANGELES ABRASION MACHINE

101-A0089-100

Standard: ASTM C131, EN 1097-2

Used to measure the degradation of mineral aggregate resulting from a combination of actions including abrasion, impact, and grinding in a rotating steel drum containing steel spheres, evaluating the resistance of aggregates like rocks and gravels to wear. The test involves a sample of aggregate to abrasion using steel balls in a rotating drum. The abrasion loss result is then measured as a percentage of the original sample weight, indicating the aggregate's durability and suitability for various construction applications. This test determines the quality and longevity of materials used in road construction, concrete production, and other civil engineering projects.

Control Panel: Allows for easy control and adjustment of the machine's drum speed and monitors the testing process.

Drum Speed	31-33 Rpm
Drum Dimensions	710 x 510 +/-5mm
Dimensions	107*700*910 (H)
Approx Weight	340 kg
Power	240V / 750W

Accessories of Los Angeles Abrasion Machine

- **101-A0089-110 Sound Proof and Safety Cabinet:** This helps reduce noise during operation, providing a quieter testing environment. This is an optional accessory.
- **101-A0089-117 Receiving Tray:** Collects the aggregate and abrasion debris during testing, ensuring easy cleanup and analysis afterward.
- **101-A0089-118 ASTM, AASHTO, UNI, CNR Abrasive Charges (Set of 12 nos.):**
- **101-A0089-119 EN STANDARD ABRASIVE CHARGES (SET OF 12 NOS.)**



MatCivTest
MATERIAL CIVIL TEST EQUIPMENT

