Product name:	Product code:
Los Angeles Abrasion Testing Machine for Aggregates	CMI-IND-0013

Description

Steel drum abrasion machine with revolution counter that measures aggregate resistance to wear and impact using steel charge balls. Used in quarries, road agencies and ballast qualification labs.

Technical specification

- Set of 12 steel balls
- Sample loading tray
- Spare gasket

Aggregate samples and a graded steel ball charge are tumbled in a rotating drum at 30 to 33 rpm, and the percentage loss through a 1.70 mm sieve gives the abrasion value. The machine is the standard reference for hardness of road stone, concrete aggregate and railway ballast. An automatic counter stops the drum at the preset revolutions.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Digital preset revolution counter with auto stop
- Heavy-gauge steel drum with removable shelf plate
- Dust-proof sealed cover with gasket
- Geared motor drive with brake
- Heavy angle-iron stand with safety guard

Technical Specifications

Drum size	711 mm dia x 508 mm long (internal)
Drum speed	30 to 33 rpm
Revolutions preset	0 to 9999 (typically 500 and 1000)
Shelf	Steel, 89 mm projection
Charge	12 steel balls 46.8 mm dia, 390-445 g each
Standards	IS 2386 Part 4, ASTM C131, C535, EN 1097-2
Motor	1 HP, 415 V, 3 phase, 50 Hz

Standard Accessories