



## UNIVERSE DIGITAL LOS ANGELES ABRASION TESTING MACHINE AZA0987

The AZA0987 Digital Los Angeles Abrasion Testing Machine is an advanced laboratory system designed to determine the abrasion resistance and mechanical durability of coarse aggregates under controlled conditions.

Equipped with a digital control panel featuring RPM and programmable timer display, this model enhances test accuracy, repeatability, and operational efficiency compared to conventional systems. It is ideally suited for modern quality control laboratories, research facilities, and infrastructure projects.

### Key Functional Features

- Advanced digital RPM and timer control system
- Ensures high repeatability and operator-independent results
- Heavy-duty steel drum for extended service life
- Precision motor with gearbox for stable operation
- Low vibration, rigid frame construction
- Safety locking cover for secure operation
- User-friendly interface for efficient testing

### Standards Compliance

- IS: 2386 (Part IV) – Methods of Test for Aggregates for Concrete
- ASTM C131 – Resistance to Degradation of Coarse Aggregates





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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model No.	AZA0987
Drum Diameter	~700 mm
Drum Length	~500 mm
Rotation Speed	30 – 33 RPM
Motor	1 HP, Single Phase
Control System	Digital RPM & Timer Display
Power Supply	230V AC
Standards	IS:2386 (Part IV), ASTM C131

**Standard Supply**

- Digital Los Angeles Abrasion Machine Unit
- Steel Drum Assembly
- Digital Control Panel (RPM & Timer Display)
- Set of Hardened Steel Balls (as per standard)
- Motor with Gear Drive System