



UNIVERSE DEVEL ATTRITION TESTER AZA0989

The AZA0989 Devel Attrition Tester is a heavy-duty laboratory apparatus designed to determine the attrition resistance (wear due to rubbing and impact) of coarse aggregates under controlled conditions.

This test evaluates the durability and degradation characteristics of aggregates subjected to combined abrasion and impact actions, making it highly relevant for materials used in road construction, railway ballast, and concrete structures.

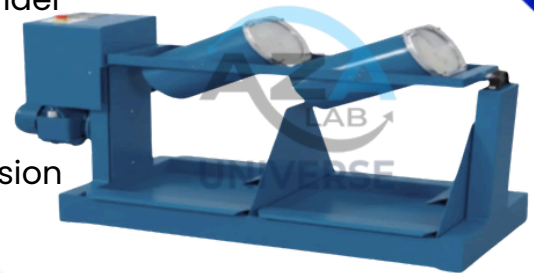
Engineered for reliability, repeatability, and long service life, the equipment is suitable for both routine quality control and advanced research applications.

Key Functional Features

- Determines attrition resistance of coarse aggregates
- Heavy-duty steel drum construction for long service life
- Motorized operation with stable, vibration-free performance
- Digital timer with auto cut-off for precise test control
- High repeatability and operator-independent results
- User-friendly operation with minimal maintenance
- Suitable for laboratory and academic environments

Standards Compliance

- IS: 2386 (Part IV) – Methods of Test for Aggregates for Concrete
- ASTM C131 / ASTM C535 – Resistance to Degradation of Coarse Aggregates





UNIVERSE

TECHNICAL SPECIFICATION

Parameter	Specification
Model No.	AZA0989
Drum Diameter	300 – 500 mm
Drum Length	400 – 700 mm
Rotation Speed	30 – 33 RPM
Motor	1 HP (Single / Three Phase)
Abrasive Charge	6 – 12 Steel Balls
Sample Capacity	5 – 10 kg
Timer	Digital with Auto Cut-off
Material	Powder-coated Steel
Standards	IS:2386 (Part IV), ASTM C131, ASTM C535

Standard Supply

- Devel Attrition Tester Unit
- Rotating Steel Drum Assembly
- Set of Hardened Steel Balls (6–12 Nos.)
- Digital Timer with Auto Cut-off
- Motor and Drive System