



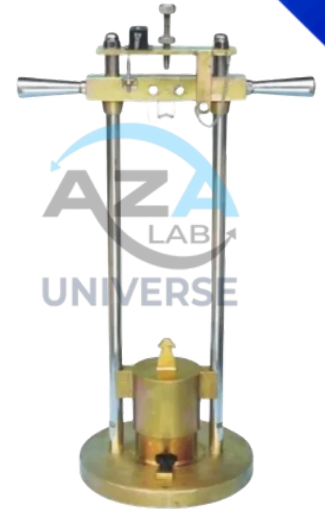
UNIVERSE

AGGREGATE IMPACT TESTER WITH BLOW COUNTER

AZA0983

The AZA0983 Aggregate Impact Tester with Digital Blow Counter is a precision laboratory instrument designed to determine the Aggregate Impact Value (AIV) of coarse aggregates. This test evaluates the toughness and resistance of aggregates to sudden impact loads, which is critical for applications subjected to dynamic loading conditions.

Engineered with a robust mechanical structure and integrated digital counting system, the apparatus ensures accurate, repeatable, and standard-compliant testing for quality control in construction materials.



Key Functional Features

- Determines Aggregate Impact Value (AIV) with high accuracy
- Integrated digital blow counter (LED display) for precise strike counting
- Conforms to IS:2386 (Part IV) and BS 812 standards
- Heavy-duty, vibration-resistant construction
- Hardened steel cup and precision impact hammer
- Stable base with anti-vibration design
- Suitable for continuous laboratory operation

Standards Compliance

- IS: 2386 (Part IV) – Methods of Test for Aggregates for Concrete
- BS 812 – Testing Aggregates



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TECHNICAL SPECIFICATION

Parameter	Specification
Model No.	AZA0983
Test Standard	IS:2386 (Part IV), BS 812
Hammer Weight	13.5 – 14 kg
Drop Height	380 ± 5 mm
Blow Counter	Digital (LED Display)
Cup Material	Hardened Steel
Base Frame	Cast Iron (Anti-vibration)
Power Supply	220V AC
Approx. Weight	45 – 50 kg

Standard Supply (Included Components)

- Cylindrical Steel Cup
- Impact Hammer (13.5–14 kg)
- Guide Rod Assembly
- Digital Blow Counter (LED Display)
- Heavy-Duty Cast Iron Base Frame