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## **AGGREGATE CRUSHING VALUE APPARATUS**

### **AZA0982**

The AZA0982 Aggregate Crushing Value (ACV) Apparatus is a precision laboratory instrument designed to determine the resistance of coarse aggregates to crushing under a gradually applied compressive load.

This test is a critical quality control parameter in evaluating aggregates used in road construction, concrete works, and structural applications, ensuring durability under heavy traffic and load conditions.

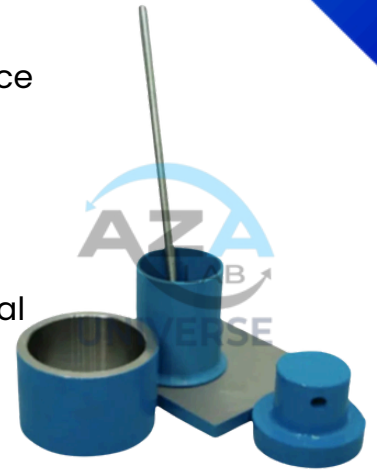
The system is manufactured with high-strength materials and precision-machined components, delivering reliable, repeatable, and standard-compliant results.

#### **Key Functional Features**

- Heavy-duty construction for long service life
- Precision-machined cylinder and plunger for accuracy
- Corrosion-resistant finish (powder-coated)
- Ensures consistent and repeatable results
- Simple operation with minimal maintenance
- Suitable for laboratory and site testing applications

#### **Standards Compliance**

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





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**TECHNICAL SPECIFICATION**

| <b>Parameter</b> | <b>Specification</b>      |
|------------------|---------------------------|
| Model No.        | AZA0982                   |
| Test Standard    | IS:2386 (Part IV), BS 812 |
| Cylinder Size    | 150 mm ID × 130 mm Height |
| Plunger Diameter | 148 mm                    |
| Tamping Rod      | 16 mm Ø × 600 mm length   |
| Base Plate       | Heavy-duty cast iron      |
| Material         | Powder-coated mild steel  |
| Approx. Weight   | 30 – 40 kg                |

**Standard Supply (Included Components)**

- Steel Cylinder
- Precision Steel Plunger
- Rigid Base Plate
- Tamping Rod (16 mm diameter × 600 mm length)
- Metal Measure

Note: Compression Testing Machine is not included and must be supplied separately.