



**UNIVERSE**

## **AVERAGE LEAST DIMENSION AZA0976**

The AZA0976 Average Least Dimension (ALD) Gauge is a precision instrument designed to determine the flakiness index of coarse aggregates by measuring their least dimension (thickness).

Aggregate particle shape is a critical factor influencing the strength, compaction, durability, and performance of concrete and bituminous mixes. The AZA0976 provides a simple, accurate, and standardized method for identifying flaky particles, ensuring only suitable aggregates are used in construction.

Manufactured in accordance with IS 2386 (Part I), the gauge ensures reliable and repeatable results for both laboratory and field applications.

### **Key Functional Features**

Precision Slotted Gauge

- Standardized slot dimensions covering:
  - 6.3 mm to 63 mm aggregate sizes
- Ensures accurate classification of flaky particles





## UNIVERSE

### Robust Frame Construction

- Made from:
  - Stainless steel or powder-coated steel
- Provides durability and corrosion resistance

### Compact Bench-Top Design

- Stable and easy to use
- Suitable for laboratory environments

### Manual Operation

- No power required
- Quick and efficient testing

### Clear Slot Identification

- Slots are clearly marked for ease of use
- Minimizes operator error

### **Standards Compliance**

The AZA0976 is manufactured in accordance with:

- IS 2386 (Part I) – Methods of Test for Aggregates for Concrete
- ASTM D4791 – (Reference for flat and elongated particles)

Ensuring standardized and globally acceptable testing results.



**UNIVERSE**

**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model	AZA0976
Product Type	Average Least Dimension (ALD) Gauge
Measurement Range	6.3 mm to 63 mm aggregate sizes
Slot Material	Stainless Steel / Powder-Coated Steel
Gauge Type	Manual slotted gauge
Frame Type	Compact bench-top steel frame
Operation	Manual
Standards	IS 2386 (Part I), ASTM D4791 (Reference)
Accessories	User manual

UNIVERSE