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## **FLAKINESS SIEVE SET AZA0973**

The AZA0973 Flakiness Sieve Set is a precision laboratory instrument used for determining the Flakiness Index of coarse aggregates, a key parameter in evaluating aggregate shape and its impact on construction performance.

Flaky particles adversely affect the strength, compaction, and durability of concrete and bituminous mixes.

The AZA0973 enables accurate identification and quantification of such particles, ensuring compliance with construction specifications and quality standards.

### **Key Functional Features**

#### Precision Slotted Gauges

- Accurately machined slot dimensions
- Designed for multiple aggregate size fractions

#### Robust Construction

- Made from:
  - Stainless steel
  - Powder-coated steel
- High resistance to corrosion and wear

#### Clear Marking & Identification

- Each gauge labeled for quick selection

#### Portable & Field-Friendly

- Lightweight and easy to transport

#### Long Service Life

- Designed for repeated laboratory and site use





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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model	AZA0973
Product Type	Flakiness Sieve Set
Test Standard	IS 2386 (Part I)
Slot Size Range	6.3 mm to 63 mm
Material	Stainless Steel / Powder-coated Steel
Operation	Manual
Application	Flakiness Index determination
Weight	Approx. 4 – 5 kg

**Components of the Set**

The AZA0973 includes a complete set of slotted gauges:

- 63.0 mm × 33.9 mm
- 50.0 mm × 26.0 mm
- 40.0 mm × 19.5 mm
- 31.5 mm × 16.0 mm
- 25.0 mm × 13.2 mm
- 20.0 mm × 10.2 mm
- 16.0 mm × 8.5 mm
- 12.5 mm × 6.7 mm
- 10.0 mm × 6.3 mm
- 6.3 mm × 3.3 mm

**Standards Compliance**

The AZA0973 is fully compliant with:

- IS 2386 (Part I) – Methods of Test for Aggregates for Concrete

Ensuring standardized, reliable, and repeatable results across laboratories and construction sites.