



SHRINKAGE LIMIT SET AZA0849

The AZA0849 Shrinkage Limit Set is a precision-engineered laboratory apparatus designed for determining the shrinkage limit of cohesive soils. As a key component of the Atterberg Limits, this test evaluates the moisture content at which further drying does not result in any reduction in soil volume.

This parameter is essential for understanding soil behavior under moisture variations and is widely used in geotechnical design, construction, and research applications.

Key Features

- High Precision Measurement

Engineered for accurate determination of shrinkage parameters

- Standards-Compliant Testing

Meets IS, ASTM, BS, and AASHTO specifications

- Durable Construction

Manufactured using laboratory-grade porcelain, glass, and corrosion-resistant materials

- Complete Testing Solution

Supplied as a ready-to-use kit with all standard accessories

- Reliable & Repeatable Results

Ensures consistent performance across multiple test cycles





UNIVERSE Standards Compliance

- The AZA0849 complies with major international testing standards:
- IS 2720 (Part VII)
- ASTM D427
- BS 1377
- AASHTO T 92

Kit Components

The set is supplied complete with all essential accessories:

- Porcelain Evaporating Dish
- Shrinkage Dish
- Glass Cup
- Perspex Plate with Metal Prongs
- Flexible Spatula (100 mm)
- Glass Cylinder
- Measuring Cylinder (25 ml × 1 ml graduation) (without mercury)
- Plastic Wash Bottle (500 ml)

Applications

- Soil classification and index property determination
- Foundation and structural design
- Earth dams and embankments
- Pavement engineering
- Geotechnical investigations and research
- Academic and testing laboratories



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TECHNICAL SPECIFICATION

Parameter	Details
Model	AZA0849
Test Type	Shrinkage Limit of Soil
Applicable Standards	IS 2720 (Part VII), ASTM D427, BS 1377, AASHTO T 92
Material	Porcelain, Glass, Stainless Steel
Application	Cohesive soil testing
Kit Contents	Complete set with accessories
Use Case	Laboratory testing
Country of Origin	India
Brand	AZALAB