



UNIVERSE SKID RESISTANCE AND FRICTION TESTER STANDARD AZA0985

The AZA0985 Skid Resistance & Friction Tester is a precision mechanical instrument designed to measure the skid resistance and surface friction characteristics of pavements and flooring materials.

Based on the pendulum test principle, it determines the Skid Resistance Value (SRV), also known as the British Pendulum Number (BPN), for both wet and dry surfaces.

This apparatus is widely used in highway engineering, airport maintenance, construction quality control, and research laboratories to ensure compliance with safety standards and reduce accident risks.

Key Functional Features

- Measures skid resistance of roads, runways, and industrial surfaces
- Fully compliant with ASTM E303 and BS 812 (Part 114)
- Fully mechanical operation – no electrical power required
- Precision pendulum system for reliable and repeatable results
- Heavy-duty base with stable support structure
- Portable and suitable for on-site field testing
- Low maintenance and easy to operate

Standards Compliance

- ASTM E303 – Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester
- BS 812 (Part 114) – Determination of Polished Stone Value & Skid Resistance





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TECHNICAL SPECIFICATION

Parameter	Specification
Model No.	AZA0985
Test Standards	ASTM E303, BS 812 Part 114
Pendulum Length	410 mm
Slider Size	76.2 × 25.4 mm
Measurement Range	0 – 150 BPN
Base Frame	Anodized Aluminum
Operation	Fully Mechanical
Power Supply	Not Required
Approx. Weight	~15 kg

Standard Supply

- Pendulum Assembly with Calibrated Scale
- Base Frame (Anodized Aluminum)
- Standard Rubber Slider
- Leveling Screws and Spirit Level