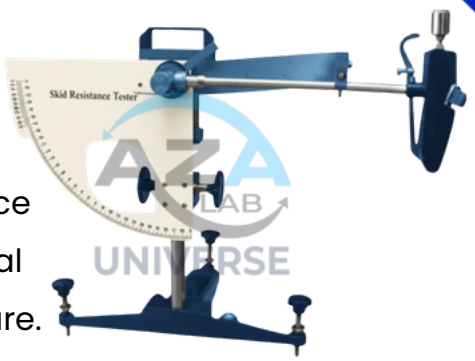
PENDULUM SKID RESISTANCE TESTER AZA1297

The AZA1297 Pendulum Skid Resistance Tester from AZA LAB is a precision-engineered, industry-recognized instrument designed for accurate measurement of slip and skid resistance of surfaces in accordance with internationally accepted testing standards.



Based on the proven pendulum energy loss principle, the AZA1297 provides reliable and repeatable evaluation of surface friction for roads, pedestrian walkways, ceramic tiles, industrial floors, ramps, sports surfaces, and transportation infrastructure.

TEST METHODS & COMPLIANCE

The AZA1297 fully complies with internationally recognized skid resistance standards:

- ASTM E303
- BS EN 13036-4
- BS EN 1097-8
- TRRL Road Note 27
- ISO 13473-1

These standards are widely accepted for road construction, infrastructure safety, flooring evaluation, and public safety compliance projects.

AZA LAB UNIVERSE

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Model	AZA1297
Product Type	Pendulum Skid Resistance Tester
Measuring Principle	Energy Loss from Swinging Pendulum
Measuring Range	0–150 SRV (Approx.)
Display	Analog Scale (Digital Option Available)
Slider Material	Standardized TRRL-Certified Rubber
Adjustable Height	Yes
Suitable Surfaces	Wet & Dry, Flat or Inclined
Instrument Weight	Approx. 20 kg
Box Dimensions (L × W × H)	Approx. 29″ × 29″ × 13″

PENDULUM SYSTEM SPECIFICATIONS

PARAMETER	SPECIFICATION
Shaking Moment of Force	615,000 g·mm
Pendulum Bob Weight	1500 g ± 30 g
Pendulum Arm Length (Center)	410 mm ± 5 mm
Face-on Static Pressure	22.2 ± 0.5 kN
Distance (Edge to Pendulum Center)	508 mm

COMPLIANCE & APPLICABILITY

The AZA1297 is designed for professional slip resistance and skid resistance evaluation according to ASTM, BS EN, ISO, and TRRL standards.

The instrument is suitable for regulatory compliance testing, public safety assessment, infrastructure inspection, flooring certification, material development, and industrial quality control applications.