

## SKID RESISTANCE AND FRICTION TESTER



**Standard:** STANDARDS: EN 1097-8 | EN 1338, 1341, 1342, | EN 13036-4 | EN 1436 | BS 7976 | ASTM E303 (model A113-01)

**101-A0039**

### SKID RESISTANCE AND FRICTION TESTER

The skid resistance and Friction Tester measures the frictional resistance between a rubber slider mounted on the end of a pendulum arm and test surface. This provides highway engineers with a routine method of checking the resistance of wet and dry surfaces to slipping and skidding, both in the lab and on site.

### FEATURES

- Designed for laboratory and in situ road surface testing
- Calibrated to ASTM E-303
- Low friction arm, and lightweight pointer
- Comes with integral 'F' scale for use with small slider set for 76mm slide length. (PSV tested)
- Repeatable and reproducible
- The base of the instrument can be folded, easy to carry and cartoning
- Supplied with robust carrying case



### APPLICATIONS

- Road surface testing
- Testing of new road surface materials under development
- Testing of aggregates in the PSV (polished stone value) test
- Testing of floors and pedestrian walkways
- Flooring materials product development
- Accident investigations, both traffic and pedestrian
- Litigation investigations

**STANDARD**

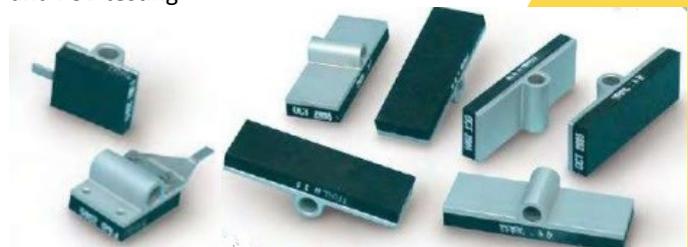
BS EN 1097-8	determination of polished stone value
AS/NZS 4586:1999	slip resistance classification of new pedestrian surface
BS 6077	clay and calcium silicone pavers for flexible pavements
BS 7044	artificial sports surfaces: person/surface interaction
BS 7188	impact absorbing playground surfaces
BS8204	in-situ flooring, part 3 code of practice for polymer modified cementitious wearing surfaces
ASTM E303	standard method for measuring surface frictional properties using British pendulum
BS 7976	method of operation and calibration of the pendulum tester
EN 1436: 1997	road marking materials
BS EN 13036-4:2003	road and airfield surface characteristics
BS 812 PT.144	

SPECIFICATIONS	Column1
Rocker Weight	1500±30g
Distance between rocking centre and centre of gravity	410±5mm
Positive static pressure on pavement	22.2±0.5 kN
Weight of rubber slider	16g
Package	Aluminium alloy Air transport case
Dimension	760 x 740 x 500mm
Weight	47kg

**ACCESSORIES— STANDARD INCLUSIONS**

- 101-A0039-001 Portable skid resistance and friction tester, adjustable in height
- 101-A0039-002 Sturdy case with dense foam inserts
- 101-A0039-003 F' scale built in, for use with small slider set for 76mm slide length (PSV test)
- 101-A0039-004 Perspex setting gauge 126mm
- 101-A0039-005 TRRL3.0, Slider 55 Road surfaces. Customer can choose either type
- 101-A0039-006 Brush, for removing unwanted dirt or grit from area to be tested
- 101-A0039-007 C Spanner, for attaching and releasing arm to rotating head
- 101-A0039-008 17mm Spanner for fitting rear foot
- 101-A0039-009 Water spray bottle, for wetting surface to be tested
- 101-A0039-010 Feet pads, for placing under levelling feet when on soft ground
- 101-A0039-011 Operating instructions, A guide to road, floor and PSV testing
- 101-A0039-012 Tool set

Calibration certificate



**OPTIONS— need to be ordered separately**

- 101-A0039-013 Metal base plate without fixing device
- 101-A0039-014 TRRL 1.250, Slider 55 PSV Test
- 101-A0039-015 FOUR S, Slider 96 Internal Floors
- 101-A0039-016 Fixing device to base for blocks and nature stones (EN1341,1342)
- 101-A0039-017 Fixing device to base for laboratory polished test