

SKID RESISTANCE AND FRICTION TESTER

STANDARDS: BS EN 1097-8, 13036-4:2003, AS/NZS 4586, BS 6077 Pt1, 7044, 7188, 8204, 7976, 812 Pt. 144, ASTM E303

The Pendulum Skid Tester measures the frictional resistance between a rubber slider mounted on the end of a pendulum arm and the 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.

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

Features

- Designed for laboratory and in situ road surface testing
- Dispatched 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 test)
- Repeatable and reproducible
- Supplied with robust carrying case



HR-AS0970

Supplied complete with Portable skid resistance and friction tester, adjustable in height, Sturdy case with dense foam inserts giving excellent protection, F' Scale Built in, for use with small slider set for 76mm slide length. (PSV test), Perspex setting gauge 126 mm, TRRL3.0, Slider 55 Road surfaces. Brush, For removing unwanted dirt or grit from area to be tested, C Spanner, For attaching and releasing arm to rotating head, 17mm Spanner For fitting rear foot, Water spray bottle, For wetting surface to be tested, Feet pads, For placing under levelling feet when on soft ground, Operating instructions, A guide to road, floor and PSV testing, Tool set, Manufacturer Calibration Certificate.

Metal base plate without fixing device, TRRL 1.250, Slider 55 PSV Test, FOUR S, Slider 96 Internal Floors, Fixing device to base for blocks and nature stones (EN1341,1342), Fixing device to base for laboratory polished test should be ordered separately.

Technical Specifications:

Product Code	Product Name
HR-AS0970	Skid Resistance and Friction Tester
Rocker weight	1500±30 g
Distance between rocking centre and center of gravity	410±5 mm
Positive static pressure on pavement	22.2±0.5 kN
Weight of rubber slider	16g
Package	Aluminum alloy Air transport case
Dimensions	760x740x500 mm
Weight	47 kg

Spare Parts & Accessories:

Product Code	Product Name
HR-AS0970/1	Portable skid resistance and friction tester, adjustable in height
HR-AS0970/2	Sturdy case with dense foam inserts giving excellent protection
HR-AS0970/3	F' Scale Built in, for use with small slider set for 76mm slide length. (PSV test)
HR-AS0970/4	Perspex setting gauge 126 mm
HR-AS0970/5	TRRL3.0, Slider 55 Road surfaces.
HR-AS0970/6	Brush, For removing unwanted dirt or grit from area to be tested
HR-AS0970/7	C Spanner, For attaching and releasing arm to rotating head
HR-AS0970/8	17mm Spanner For fitting rear foot
HR-AS0970/9	Water spray bottle, For wetting surface to be tested
HR-AS0970/10	Feet pads, For placing under levelling feet when on soft ground
HR-AS0970/11	Tool set
HR-AS0970/12	Calibration Certificate Despatched
HR-AS0970/13	Metal base plate without fixing device
HR-AS0970/14	TRRL 1.250, Slider 55 PSV Test
HR-AS0970/15	FOUR S, Slider 96 Internal Floors
HR-AS0970/16	Fixing device to base for blocks and nature stones (EN1341,1342)
HR-AS0970/17	Fixing device to base for laboratory polished test