

SKID RESISTANCE AND FRICTION TESTER 48-B0192

The Skid Resistance and Friction 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.

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
- ⊙ Fine workmanship, appearance beautiful, strong and durable
- ⊙ 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



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STANDARD

BS EN 1097-8	determination of polished stone value
AS/NZS 4586:1999	slip resistance classification of new pedestrian surface materials
BS 6077	clay and calcium silicate pavers for flexible pavements
BS 7044	artificial sports surfaces: person/surface interaction
BS 7188	impact absorbing playground surfaces
BS 8204	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

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
Dimension	760×740×500mm
Weight	47kg

STANDARD ACCESSORIES

- 48-B0192 Portable skid resistance and friction tester, adjustable in height
- B0192/1 Sturdy case with dense foam inserts giving excellent protection
- B0192/2 F³ Scale Built in, for use with small slider set for 76mm slide length. (PSV test)
- B0192/3 Perspex setting gauge 126 mm
- B0192/4 TRRL3.0, Slider 55 Road surfaces. Customer can choose either type.
- B0192/5 Brush, for removing unwanted dirt or grit from area to be tested
- B0192/6 C Spanner, for attaching and releasing arm to rotating head
- B0192/7 17mm Spanner for fitting rear foot
- B0192/8 Water spray bottle, for wetting surface to be tested
- B0192/9 Feet pads, for placing under levelling feet when on soft ground
- B0192/10 Operating instructions, A guide to road, floor and PSV testing
- B0192/11 Tool set
- B0192/12 Calibration Certificate

OPTIONS | need to be ordered separately

- B0192/13 Metal base plate without fixing device
- B0192/14 TRRL 1.250, Slider 55 PSV Test
- B0192/15 FOUR S, Slider 96 Internal Floors
- B0192/16 Fixing device to base for blocks and nature stones (EN1341,1342)
- B0192/17 Fixing device to base for laboratory polished test



Test report of rubber slider by CNAS laboratory