

# 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



# SKID RESISTANCE AND FRICTION TESTER 48-B0192

## STANDARD

<b>BS EN 1097-8</b>	determination of polished stone value
<b>AS/NZS 4586:1999</b>	slip resistance classification of new pedestrian surface materials
<b>BS 6077</b>	clay and calcium silicate pavers for flexible pavements
<b>BS 7044</b>	artificial sports surfaces: person/surface interaction
<b>BS 7188</b>	impact absorbing playground surfaces
<b>BS 8204</b>	in-situ flooring, part 3 code of practice for polymer modified cementitious wearing surfaces
<b>ASTM E303</b>	standard method for measuring surface frictional properties using British pendulum
<b>BS 7976</b>	method of operation and calibration of the pendulum tester
<b>EN 1436: 1997</b>	road marking materials
<b>BS EN 13036-4:2003</b>	road and airfield surface characteristics
<b>BS 812 PT. 144</b>	

## 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 F<sup>3</sup> 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