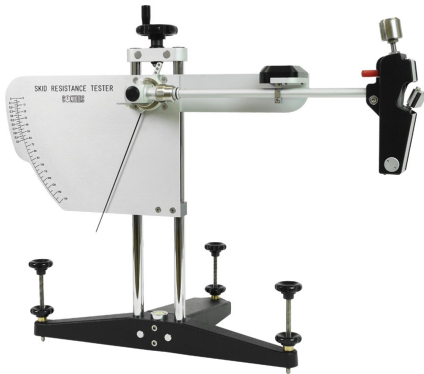


## DATA SHEET

# Skid Resistance and Friction Tester



Skid resistance tester 48-PV0190/ASTM

## General description

Used for the measurement of surface friction properties, the apparatus is suitable for both side and laboratory applications and for Polished Stone Value (PSV) using curved specimens from accelerated polishing test with the Accelerated Polishing machine (see link to other product below) conforming to EN 1097-8. It can also be used for testing Paving Stones (EN 1341, EN 1342) and Paving Blocks (EN 1338). The apparatus, originally developed at the Transport and Research Laboratory, U.K., consists of an adjustable pendulum arm, and a spring loaded rubber slider (see accessories) mounted on the end of the arm. During operation the pendulum is raised and then allowed to swing freely, allowing the edge of the rubber slider to skid across the surface of the road or sample. Two versions available:

- **48-PV0190/ASTM:** conforming to ASTM E303 standard and
- **48-PV0190/EN:** conforming to EN 1097-8 and all other mentioned EN standards

The pendulum is supplied complete with:

- Additional scale for tests on Polished Stone Value specimens
- Thermometer 0 to 220°C for surface temperature measurement
- Washing bottle, 1 l cap. for surface wetting
- Tool set with case for machine assembly
- Rule for sliding length verification
- Carrying case
- Traceable certificate of conformity to EN 1097-8 o ASTM E303

Specifications:

- Case dimensions: 790x760x320 mm
- Weight approx. including case: 34 kg

## Main features

- New low friction release mechanism of the pendulum arm for better accuracy
- Extremely light pointer, for high precision results.
- Slider lifting system integrated in the pendulum foot that guarantees reliable adjustment operations
- Stiff and stout twin column structure
- Easy and reliable height adjusting system
- Integrated additional scale for tests on PSV specimens

## DATA SHEET

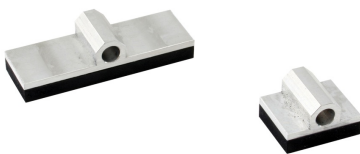
- Complete with calibration certificate to EN 1097-8 or ASTM E303

### Standards

- EN 13036-4
- EN 1097-8
- ASTM E303
- EN 1338
- EN 1341
- EN 1342
- AASTHO T278



Skid Resistance Tester complete set 48-PV0190/ASTM



Mounted Rubber Slider

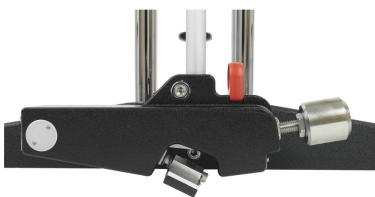
## DATA SHEET



Metal base plate to clamp the Polishes Stone Value specimen code  
48-PV0190/4



Copy of Testing certificate



Skid resistance tester 48-PV0190/ASTM. Detail of the sliding arm

## Products

### 48-PV0190/ASTM

Skid resistance and friction test set (Skid tester) conforming to ASTM E303

### 48-PV0190/EN

Skid resistance and friction test set (Skid tester) conforming to EN 1097-8, 13036-4.

## DATA SHEET

### Accessories and consumables

#### **48-PV0190/1**

Spare mounted rubber slider, TRL rubber, 32 mm width. Mounted rubber slider for Polished Stone value test (PSV laboratory). Complete with conformity certificate.

#### **48-PV0190/2**

Spare mounted rubber slider, TRL rubber, 76 mm width. Mounted rubber slider for site use. Complete with conformity certificate.

#### **48-PV0190/4**

Metal base plate for polished stone value specimen clamping

#### **48-PV0190/5**

Metal base plate for surface friction

#### **48-PV0190/6**

Spare mounted rubber slider, 4S rubber, 32 mm width. Complete with conformity certificate

#### **48-PV0190/7**

Spare mounted rubber slider, 4S rubber, 76 mm width. Complete with conformity certificate