

Skid resistance and friction tester

EN 1341 | EN 1342 | EN 1338 | EN 1097-8 | ASTM E303 | EN 13036-4

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

GENERAL DESCRIPTION

Used for the measurement of surface friction properties, the apparatus is suitable for both site 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/A:** conforming to ASTM E303 standard and
- **48-PV0190/E:** 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 or ASTM E303
- Three rubber sliders for site use are included.
- Case dimensions: 790x760x320 mm
- Weight approx. including case: 34 kg

ORDERING INFO

- 48-PV0190/A** Skid resistance and friction test set (Skid tester) conforming to ASTM E303 standard, including additional scale for PSV, 3 rubber sliders for site use, thermometer, washing bottle, tool set with case for machine assembly, rule, carrying case and traceable certificate of conformity to ASTM E303.
- 48-PV0190/E** Skid resistance and friction test set (Skid tester) conforming to EN 1097/8 standard, including additional scale for PSV, 3 rubber sliders for site use, thermometer, washing bottle, tool set with case for machine assembly, rule, carrying case and traceable certificate of conformity to EN 1097-8.

DATA SHEET

ACCESSORIES

Spare Rubber Sliders

- 48-PV0190/1** Mounted rubber slider for Polished Stone Value test (PSV laboratory). Complete with conformity certificate. TRL rubber, 32 mm width.
- 48-PV0190/2** Mounted rubber slider for site use. Complete with conformity certificate. TRL rubber, 76 mm width.
- 48-PV0190/6** Mounted rubber slider, 4S rubber, 32 mm
- 48-PV0190/7** Mounted rubber slider, 4S rubber, 76 mm

Base plates

- 48-PV0190/4** Metal base plate to clamp the Polishes Stone Value specimen.
- 48-PV0190/5** Metal base plate for testing surface friction properties of Natural stones (EN 1341, EN 1342) and Paving blocks (EN 1338)



Skid Resistance Tester 48-PV0190/A



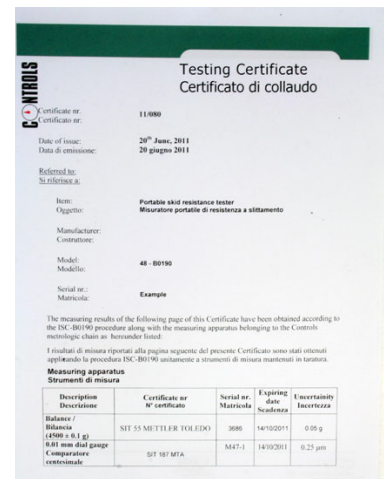
Skid Resistance Tester complete set



Mounted Rubber Slider



Base Plate 48-PV0190/4



Copy of Testing Certificate