

## ROCK AND AGGREGATES TESTING



48-D0525

### DETERMINATION OF THE POLISHED STONE VALUE

#### STANDARD

**EN 1097-8, EN 1341, 1342, 1343**  
(paving stones and paving blocks)

#### 48-D0525

**Accelerated polishing machine.**  
230 V, 50 Hz, 1 ph.

#### General description and specifications

Used to measure the resistance of road stone to the polishing action of vehicle tires on a road surface. This machine provides a method of preparing polished stone specimens for use with the friction tester 48-B0190 when used in a laboratory environment.

**Road wheel speed:** 315 to 325 r.p.m.

**Electric motor:** 370 W fan-cooled

#### Dimensions:

1520x720x740 mm (h x w x d)

#### Weight approx.:

net 175 kg; shipping 250 kg

Supplied complete with road wheel, side plate, rubber rings, tired wheels, drive belt, abrasive feed mechanism, corn emery, flour emery, tool kit, set of 4 specimen moulds, and 2 mould plates.

#### Accessories and spare parts

- 48-D0525/12 Corn emery 6 kg pack
- 48-D0525/13 Flour emery 6 kg pack
- 48-D0525/14 Control stone (ungraded) 50 kg bag
- 48-D0525/15 Friction tester reference stone\* (ungraded) 50 kg bag.

\* Criggion stone

### SKID RESISTANCE AND FRICTION TESTER

#### 48-B0190

**Skid resistance and friction tester (Skid Tester)**

#### STANDARD

**EN 1097-8**, ASTM E103, BS 812:144, NLT 174, CNR No. 105, 140, NF P18-578, NF P18-575

#### General description and specifications

Used for the measurement of surface friction properties, the apparatus is suitable for both site and laboratory applications and for Polished Stone Value tests using curved specimens from accelerated polishing tests.

The test equipment is supplied complete with:

- Additional scale for tests on Polished Stone Value specimens.
- 6 rubber sliders for site use, complete with conformity certificate.
- Thermometer -10 to +110 °C for surface temperature measurement.
- 1 litre washing bottle, for surface wetting.
- Tool set with case, for machine assembly.
- Rule for sliding length verification.

- Carrying case.
- Calibration certificate conforming to EN 1097-8 issued by Controls.

It is also possible to use it for Polished Stone Value specimens, by a metal base plate and of the small rubber sliders (see Accessory List).

#### Case dimensions:

790x760x320 mm

#### Weight approx. (including case):

34 kg

#### Accessories and spare parts

- 48-B0190/1 Mounted rubber slider for Polished Stone Value tests (laboratory)
- 48-B0190/2 Spare mounted rubber slider for site use
- 48-B0190/4 Metal base plate for Polished Stone Value specimen clamping
- 48-B0190/5 Metal base plate for surface friction properties
- 48-B0190/41 Metal base plate for tests on stones



48-B0190 skid tester

- 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.
- Provided complete with certificate set, as required by standards.
- Controls calibration certificate conforming to EN 1097-8.



48-B0190 complete set

## Mechanical and physical properties Determination of the polished stone value Skid resistance and friction tester