

48-B0190

CONTROLS**New**

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

MAIN FEATURES

- New release mechanism of the pendulum arm, precise and assuring low friction.
- Extremely light pointer, for high precision results.
- Slider lifting system integrated in the pendulum foot, that guarantees reliable adjusting 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.

Ideal for

ROAD CONTRACTORS

COMMERCIAL LABORATORIES

SCHOOLS & UNIVERSITIES

LOCAL AUTHORITIES

48 Skid resistance and friction tester

This is our own version of an instrument utilized for more than 30 years all over the world thanks to its easy and friendly use. 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 apparatus consists of an adjustable pendulum arm with a spring loaded rubber slider mounted on its end. During operation the pendulum is raised and then let swing freely, thus allowing the edge of the rubber slider to skid across the surface of the road or sample. The additional scale for use of the instrument in laboratory is already integrated to the main scale.

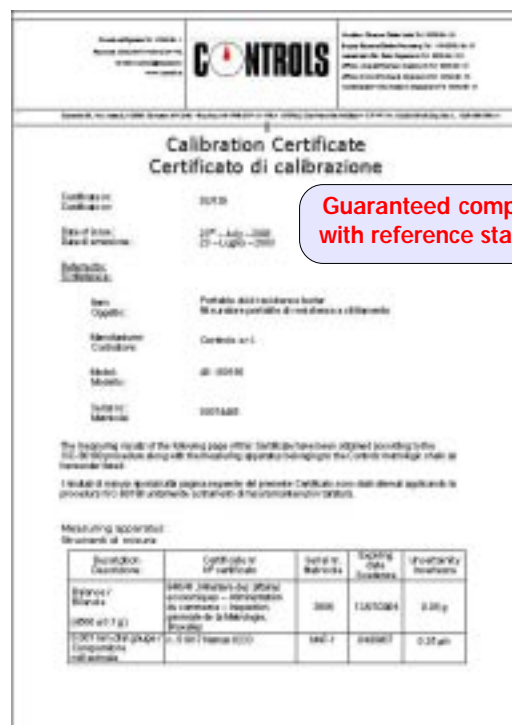
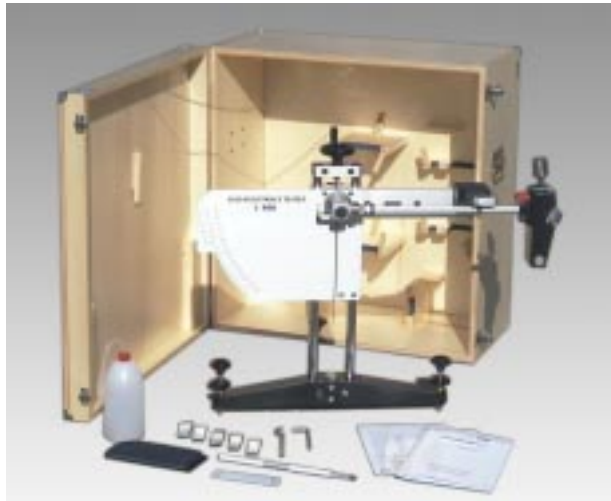
This instrument has the purpose to optimise some critical aspects during the test execution. The new release mechanism of the adjustable pendulum arm and the scale (very light) guarantee a drastic reduction of all frictions, achieving a very high precision. The correct positioning of the unit is very easy thanks to a new height adjustment system, which is very reliable, simple and precise and also thanks to a slider lifting system integrated in the base. The twin column structure assures the stiffness and stoutness of the instrument. This equipment is supplied ready for the site use, complete with 6 rubber sliders for site use, site and laboratory scales, sliding length rule, thermometer, wash bottle and carrying case. It is possible also to use it for Polished Stone Value specimens, by the use of the suitable metal base plate and of the small rubber sliders (see Accessory List).

All the manufactured instruments are calibrated conforming to EN 1097-8 by Controls, according to specific calibration procedure conforming to EN ISO 9001, and are dispatched with Controls calibration certificate (see picture below).

Ordering information

48-B0190 Skid resistance and friction tester (Skid Tester), complete with:

- Additional scale for tests on Polished Stone Value specimens.
- 6 rubber sliders for site use, complete with rubber hardness certificate
- Thermometer $-10 \div +110^{\circ}\text{C}$, 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



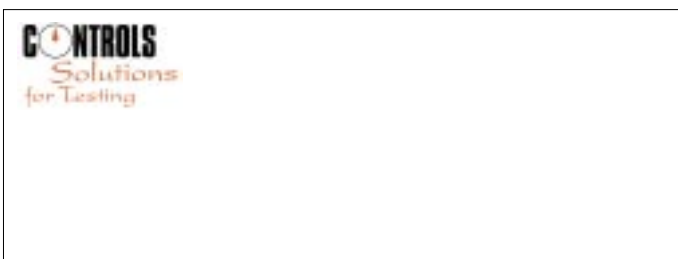
Guaranteed compliance with reference standard.

The main features are checked and traceably certified, namely: mass of pointer, pointer straightness error, mass of swinging arm, distance of arm centre of gravity, slider movement, angle and force.

Accessories and spares

Code	Description
48-B0190/1	Spare 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

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In line with its continual program of product research and development, Controls reserves the right to alter specifications to equipment to any time. – 07/03/E/0056