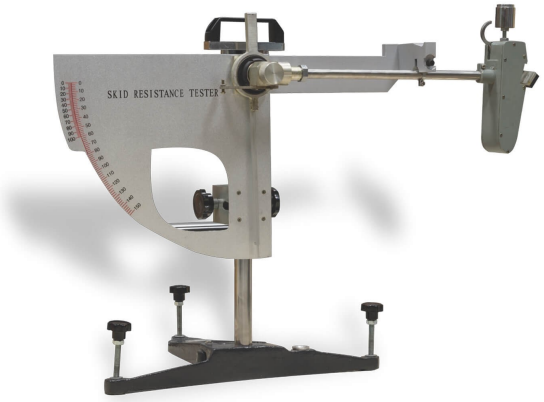
AGGREGATE > PHYSICAL PROPERTIES

SKID RESISTANCE TESTING MACHINE

Code : R190



- The Skid Resistance Tester is used to assess the surface frictional properties of various materials, including road pavements, aggregates, and flooring surfaces, by measuring the energy loss of a rubber slider propelled over the test surface.
- This apparatus is suitable for both laboratory and field applications, enabling the evaluation of skid resistance on flat surfaces and the determination of the polished stone value (PSV) on curved specimens derived from accelerated polishing tests.
- The device operates on the pendulum principle, where a rubber slider mounted on a swinging arm contacts the test surface, and the subsequent loss in energy is measured to determine the skid resistance value.
- Constructed with precision-engineered components, the tester ensures accurate and repeatable measurements, essential for quality control and safety assessments in civil engineering and transportation sectors.
- The apparatus is widely used to evaluate the slip resistance of pedestrian surfaces, roadways, and other areas where surface friction is critical for safety and performance.

STANDARDS

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

TECHNICAL SPECIFICATIONS

- Pendulum Arm Length: 410 mm
- Release Mechanism: Manual trigger

SUPPLIED WITH

- Rubber Slider
- Specimen Holder
- Carrying Case

ORDERING INFORMATION

Item Name	Item Code
SKID RESISTANCE TESTER	R190X00XH