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Product Name :

Skid Resistance And Friction Tester

Product Code :

SLE/CE/103



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Description :

Skid Resistance And Friction Tester (Product Code: SLE/CE/103) is a swinging-arm friction tester used to measure the surface friction and skid resistance of roads, footways, floors and polished aggregate specimens, on site and in civil engineering laboratories. Highway labs and engineering colleges use it for field checks and for polished stone value tests on curved specimens from accelerated polishing, using its additional scale and six rubber sliders. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Application	Surface friction measurement on site and in the laboratory;polished stone value tests on curved specimens from acceleratedpolishing
Rocker weight	1500 ±30 g
Rocking centre to centre of gravity	410 ±5 mm
Dimensions listed (with base plate)	700 × 360 × 70 mm
Thermometer	?10 to +110 °C
Supplied with	Additional scale for polished stone value specimens; 6 rubber sliders; 1 litre washing bottle for surface wetting; tool set with case for machine assembly; thermometer
Product code	SLE/CE/103
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Skid Resistance Tester Used For?

A road, ramp or floor that feels grippy when dry can become dangerous when wet, so engineers measure friction on a wetted surface. The arm carrying a rubber slider is released and swings down so that the slider sweeps across the test surface; the more friction the surface offers, the less the arm rises on the far side, and the pointer records a skid resistance value on the scale. The surface is wetted from the 1 litre washing bottle and its temperature is noted with the thermometer, since rubber behaviour changes with temperature.

In the laboratory, curved aggregate specimens that have been through an accelerated polishing machine are clamped and tested with the additional scale to give the polished stone value, which shows how quickly a road stone will lose its grip under traffic. Check the slider edge before each series and change sliders when worn. The tester is useful engineering lab equipment in India for highway courses and pavement survey teams.

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