



Email : sales@testinglabinstruments.com

Product Name :
Road Surface Profilometer

Product Code :
TEST5107RFQLAB-0001



Description :

Road Surface Profilometer for Testing Lab Equipment Tender Suppliers India

Technical Specification :

The pavement testing equipment uses laser-based sensors to measure the deflection of pavement. According to the customer's individual requirements, we can mount sensors from 1 to 17pcs on different parts of the testing equipment in order to obtain accurate and varying results.

Testing project: IRI, RN, SMTD

Laser (evenness/wheel track): Riftek

Evenness Laser: 125/500

Wheel track laser: 245/1000

Frequency: 9.4kHz

Ground clearance: 375/745mm

Measuring range: ±250/500mm

Resolution: ?0.05mm

Protection level: IP 67

Accuracy: ?0.5mm

Testing project: Pavement evenness, structure depth, wheel track

Laser (evenness/wheel track): Riftek

Evenness Laser: 125/500

Wheel track laser: RF603 245/1000

Frequency: 9.4kHz

Ground clearance: 375/745mm

Measuring range : $\pm 250/500$ mm
Resolution: ± 0.05 mm
Protection level: IP 67
Accuracy : ± 0.5 mm
Structure depth laser : cuity
Laser
Ground clearance: 300mm
Measuring range: ± 100 mm
Resolution: 0.01mm
Protection level: IP 67
Linearity: $\pm 0.03\%$
Communication: Ethernet interface
Acceleration sensor: Lance
Measuring range: $\pm 3g$
Resolution: 0.00002g
Frequency: 0.7 \times 2000Hz
Distance sensor
Pulse count: 2000pulse/turn
Protection level: IP67
Measuring accuracy: ± 0.5 m/km
Sampling interval: ± 1 mm
Vertical section testing accuracy: ± 0.5 mm
Vertical section wavelength: 1mm \times 200m
IRI range: 0 \times 20m/km
IRI resolution: 0.1m/km
SMTD resolution: 0.01mm
SMTD accuracy: 0.05mm
Wheel track testing range: 0 \times 200mm
Wheel track testing resolution: 0.1mm
Cross section lane width: 3500mm
Size: Basic part: 1.6m
Removable part: 164mm
Testing speed
IRI: 30 \times 80km/h
SMTD: 30 \times 70km/h
Wheel track: 30 \times 80km/h

We are a leading manufacturers of Road Surface Profilometer testing equipment for a range of industries, including materials science testing lab. We offer full range of Road Surface Profilometer testing equipment, including Road Surface Profilometer testing kit, Road Surface Profilometer testing machine, Road Surface Profilometer testing tools, Road Surface Profilometer test equipment, Road Surface Profilometer test machines, Road Surface Profilometer for Lab Testing Instruments. We are suppliers of materials testing tools and equipment for the construction industry. Our mission is to provide reliable, accurate, and easy-to-use Road Surface Profilometer testing equipment that helps customers build better, safer, and more sustainable infrastructure.



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