

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: $\pm 250/500$ mm

Resolution: ± 0.05 mm

Protection level: IP 67

Accuracy: ± 0.5 mm

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



Testing lab instruments India
