



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

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Measuring range :  $\pm 250/500$ mm  
Resolution:  $\pm 0.05$ mm  
Protection level: IP 67  
Accuracy :  $\pm 0.5$ mm  
Structure depth laser : cuity  
Laser  
Ground clearance: 300mm  
Measuring range:  $\pm 100$ 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:  $\pm 0.5$ m/km  
Sampling interval:  $\pm 1$ mm  
Vertical section testing accuracy:  $\pm 0.5$ 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.



**Testing lab instruments India**

