

Product Name :
Road Surface Profilometer Single

Product Code :
TEST5107RFQLAB-0004



Description :

Road Surface Profilometer Single

Technical Specification :

This road surface profilometer consists of hardware(modular components) and software, which is widely used for inspecting the indices and characteristics of highway, pavement, airport runways, etc.

The device adopts laser sensor, accelerometer and DMI, which allows the testing for IRI (International Roughness Index), MPD (Mean Profile Depth), SMTD (Sensor Measured Texture Depth), etc.. In order to achieve different functions, the sensors can be configured from single to 17pcs according to customer's requirement. The road surface profiling device is ideally suitable for both highway and airport.

Features

- Modular system enables easy maintenance;
- Real-time data collection for IRI, SMTD, speed, etc.
- Testing at traffic speed enables faster measuring and saving time;
- Real time graph display;
- Adopts imported sensor from Republic of Belarus;
- Equipped with imported accelerometer Lance;
- Conforms to ASTM E950 Class 1 profiling;
- Testing project: IRI, RN, SMTD
- Laser(evenness/wheel track): Riftek
- Evenness laser: RF603 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
Structure depth laser: Riftek

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