



Email : sales@testinglabinstruments.com

Product Name :
Falling Weight Deflectometer Testing

Product Code :
TEST5106RFQLAB-0001



Description :

Falling Weight Deflectometer for Testing Lab Equipment Tender Suppliers India

Technical Specification :

FWD(Falling Weight Deflectometer) is one of the most advanced non-destructive structure testing equipment of road surface strength in the world. It has become a hot topic in the field of road in the world to measure dynamic deflection of road surface and calculate the rebound modulus of road surface, ideal equipment for comprehensive testing. Use our FWD, to ensure road safety and ensure people's lives. We provide portable, light, HWD Heavy Falling Weight Deflectometer, Please check our product list if you need it.

Hammer weight: 450kg

Moving speed: 0~120km/hour

Testing speed per point: 25~30s

Deflection type: magnetolectric speed sensor

Deflection sensor q'ty: 1~9pcs selectable (standard config is 9pcs)

Deflection range: $\pm 2500\mu\text{m}$

Deflection accuracy: 2%

Deflection repeatability: 1%

Loading force: 12~150kN (can be extended to 250kN)

Loading pulse shape: essentially half-sine

Loading repeatability: 2%

Loading resolution: 0.1kN, 1kpa

Temp. Measuring range: $-50^{\circ}\text{C}\sim 100^{\circ}\text{C}$

Temp. Resolution: 0.1 $^{\circ}\text{C}$

Temp. Accuracy: 0.50%
DMI sensor type: pulse coder
DMI sensor q'ty: 1pc
GPS locating: horizontal within ± 2 meter

We are a leading manufacturers of Falling Weight Deflectometer testing equipment for a range of industries, including materials science testing lab. We offer full range of Falling Weight Deflectometer testing equipment, including Falling Weight Deflectometer testing kit, Falling Weight Deflectometer testing machine, Falling Weight Deflectometer testing tools, Falling Weight Deflectometer test equipment, Falling Weight Deflectometer test machines, Falling Weight Deflectometer 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 Falling Weight Deflectometer testing equipment that helps customers build better, safer, and more sustainable infrastructure.



Testing lab instruments India