



EVD

Light-Weight Deflectometer

INTRODUCE

The light weight deflectometer (LWD) is a hand portable device to measure the soil in situ dynamic modulus which is used to evaluate the subsoil degree of compaction.

It is suitable for the construction quality monitoring and testing of railway, highway, airport and industrial buildings under dynamic load, and especially suitable for the detection of narrow sections of the site, such as transition sections of roads and bridges, backfilling of pipeline and cable, etc.

FEATURES

1. Easy to carry and easy to operate.
2. Fast and cost-saving: only 35 seconds per measuring point.
3. Calculate EVD value automatically, and display the curve.
4. Wireless Bluetooth micro printer, print test results on site.
5. Testing can be achieved in difficult to reach locations.
6. It can be connected to the engineering test management system, providing reliable data sources for online data analysis and big data management.

EVD - W



EVD - W

Mobile APP data processing mode / Wireless data collection and wireless transmission / Voice prompt function

EVD



EVD

LCD with backlight, and has good visibility in various environments.

	EVD-W	EVD	
Test	Application	All kinds of soil and soil mixed packing with a particle size not more than 1/4 of the diameter of the pressure plate.	
	Testing Range	10Mpa≤Evd≤225Mpa	
	Impact depth	0~500mm	
	Work environment	Temperature-10℃~40℃ / Humidity<90%HR	
Data acquisition unit	Loading device	Weight:15kg / Drophammer:10kg Maximum impactforce:7.07kN / Impact duration:18±1ms	
	Load-plate	Weight:15kg / Diameter:300mm / Thickness:20mm	
Host	Settlement test range	0.10mm~2.00mm	
	Memory capacity	Depending on the phonememory, 10G storage capacity	2000group test data
	Specification	Screen size :5 inches volume:145×70×10mm weight:110g	Screen size :3 inches volume:100×205×40mm weight:0.8kg
	Power supplymode	It depends on the battery	Large capacity lithium battery, working time more than 18hours
	Display usage	Mobile APP / Switchable Chinese and English display	Switchable Chinese and English display
Printer	Connection type	Wireless Bluetooth printing	
Packing	Mainframe box	Material: engineering plastics / Volume:420*140×335mm Weight:4.5kg	
	Outer packing box	Material: aluminum alloy / Volume:1220×395×380mm Weight:56kg	

SINCE 2006

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