

Light Weight Deflectometer (LWD)

Model: TBTLWD-1G / 1GW



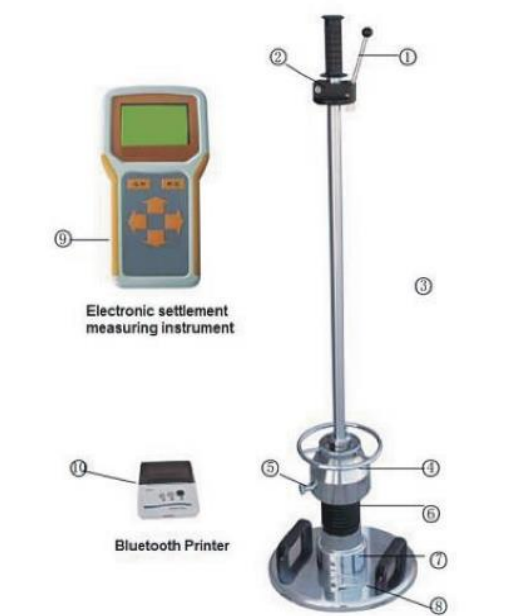
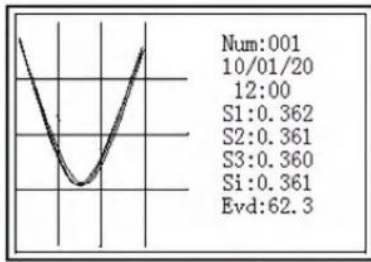
Software interface

Introduction

TBTLWD Series Light weight deflectometer, is a non-destructive(NDT) instruments, also called as dynamic deformation modulus tester (hand-held drop hammer deflection meter), it is used to determine the deflection capacity of the subgrade under the dynamic load, thereby evaluating the bearing capacity and deformation of the subgrade. It is applicable to the monitoring and inspection of foundation construction quality of railways, highways, airports, urban traffic, ports, terminals and industrial and civil buildings subjected to dynamic loads. It is especially suitable for the detection of narrow sections of the site, such as the transition of roads and bridges (culverts) and the detection of shoulders, both line base and so on. It can quickly measure the dynamic deformation modulus E_{vd} value.

TBTLWD-1G(wire type)
TBTLWD-1GW(wireless type)

Welcome
TBTLWD-1G
Light Weight
Deflectometer



- 1 - Release Mechanism
- 2 - Bubble Level
- 3 - Guide Tube
- 4 - Drop-Weight
- 5 - Shipping and handling lock
- 6 - Resilience element with prestressed disc spring
- 7 - Sensor
- 8 - Loading Plate
- 9 - Electronic settlement measuring instrument
- 10 - Bluetooth Printer