

CHECK THE COMPACTION QUALITY



# LIGHT WEIGHT DEFLECTOMETER

## TERRATEST 6000 BLE

According to International Standard ASTM E2835-11





## CHECK THE COMPACTION QUALITY. QUICK · EASY · PRECISE.



The new **TERRATEST 6000<sup>BLE</sup>** (**B**luetooth<sup>®</sup> **L**ow **E**nergy) represents a real revolution in the world of Light Weight Deflectometers. Because it is the only one worldwide operating with Bluetooth<sup>®</sup> and smartphone APP for iPhone and Android.

Test data are transmitted from load plate via **Bluetooth<sup>®</sup>**. This is an enormous advantage when working in construction site under hard conditions. Using APP for smartphone means: no measuring computer is needed anymore!

Even there are three more advantages of TERRATEST 6000 BLE:

Voice Navigation, Permanent Testing Mode and Magic Eye which make TERRATEST<sup>®</sup> LWD unbeatable.



### High-Precision- Acceleration Meter

Extremely accurate equipment designed for applications under permanent shocks.



### Inclined Load Plate Handles

Ergonomic handling in construction site using mobile measuring system „CARRELLO“.



### Electroless Nickel Dispersion Coatings

This type of coating, known from fuel pumps, is perfectly suited for construction sites.





## Active Transport-Fix-System

Push-Pull weight fixing ensures safe transport of drop weight



## Easy-to-handle catching ring

Hexagonal ergonomic handgrip, makes catching and carrying of the load weight comfortable



## APP for iPhone and Android

TERRATEST 6000 BLE is transmitting all test data via Bluetooth® directly to your smartphone, you can leave the test computer at home.

Send your test data by email to your office or customer - immediately from construction site.



# ALL FEATURES INCLUDED

## Perfect in construction site



### Shockproofed test computer

Test computer remains closed and protected during test mode, service by external pushbutton.



### Integrated Printer

Print out your test data directly in construction site



### GPS-System

Allows legally effective identification of test position



### Rechargeable High-Duty Power Battery

Power Battery with short charging time and long lifetime  
**power for 2.000 tests/600 printouts**



### Voice-Navigation

Follow spoken instructions, that's all.



### Backlit Grafic Display

Clear visualization of results, intuitive menu structure



### Bluetooth®-Technology

Test data are transferred directly from load plate to smartphone or measuring computer



### One-Touch External Button

One touch operation when cover is closed.  
No need to open the case in dusty environment.



## Weatherproof Elektronic box

The electronics are protected in a robust indestructible box with external push-button. No damage by water, sand and dust to be expected.



The TERRATEST® test computer is certified protection class IP 53, preventing penetration of dust and water.



Waterproof  
Dustproof · Shockproof



# INTERNATIONAL REGULATIONS

## **ASTM E2835-11, USA**

Standard test method for measuring deflections using a portable impulse plate load test device

## **TP BF-StB Part B8.3, 2012, GERMANY**

Engineering code for soil and rock in road construction

## **UNE 103 807-2, SPAIN**

Plate loading test of soils by means of dynamic plate, Part 2: rigid plate, diameter  $2r = 300$  mm, method 2

## **TB 10102-2010, J338-2004, CHINA**

Standard for soil testing in railway construction

## **RIL 836 Deutsche Bahn AG, Railway Construction, GERMANY**

Guideline for the use of the Light Weight Deflectometer in railway construction

## **RVS 08.03.04., AUSTRIA**

Compaction control by means of dynamic plate load test

## **ZTVE-StB 2009, Road Construction, Trench Construction, GERMANY**

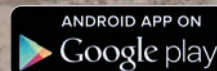
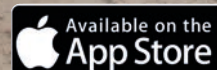
German additional terms of contract and rules for subbases in earthworks

## **ZTVA-StB 2012, Road Construction, Trench Construction, GERMANY**

German additional terms of contract and rules for excavation in traffic access



THE ORIGINAL WITH  
TÜV-CERTIFICATE







**MADE IN  
GERMANY**



**THE ORIGINAL WITH  
TÜV-CERTIFICATE**

## CHECK THE COMPACTION QUALITY. QUICK · EASY · PRECISE.



BLUETOOTH<sup>®</sup>  
TECHNOLOGY



STREAMING USB  
TO YOUR SMARTPHONE



WEATHERPROOF  
ELECTRONICS BOX



IMPACT-RESISTANT  
ELECTRONICS BOX



GPS-SYSTEM  
INTEGRATED



PRINTER  
INTEGRATED



RECHARGEABLE  
BATTERY



VOICE  
NAVIGATION



ONE BUTTON  
CONTROL



PC  
SOFTWARE



DIRECTLY FROM  
MANUFACTURER



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