Light Weight Deflectometer "TERRATEST 4000 USB" corresponding to international standard ASTM E2835-11

- Measurement electronics in weatherproof box with large inspection window and external button (extremely suitable for use on site)
- GPS system with display of testing points in satellite picture
- Internal printer for printout on site
- NEW: Test saving on USB-drive for data transfer to PC
- High-performance rechargeable battery
- NEW: Software "TERRATEST 2.0" for evaluation of measured data

Made in Germany
The Cost-Saving Alternative compared to the time and money consuming static plate load test

Testing compaction on construction sites - do it yourself and save real money! Easy handling and the little effort and costs involved in this procedure make compaction testing with the Light Weight Deflectometer TERRATEST 4000 USB the optimal test method for earthworks, road construction, pipelines and cable work, gardening and landscaping as well as railway track construction. It is the cost-saving alternative to the time and money consuming static plate load test. Find out in less than two minutes if the required bearing capacity has been reached or if further compaction work is needed. Save real money on your construction project through accurate control of the compaction work!

All-inclusive Set "ROBUSTA"
High-quality manufacture, extensive equipment

TERRATEST 4000 USB corresponding to international standards

TERRATEST 4000 USB is the most intelligent compact design Light Weight Deflectometer in the world. It comes with extensive technical equipment. The device is fully suitable for daily use on construction sites. A large inspection window and external control buttons enable working with a closed box, protecting the measurement electronics against dust and sand.

TERRATEST 4000 USB conforms to the international standard ASTM E2835-11, published by ASTM International, an international standards organization, headquartered in the US. It is officially approved for compaction testing in Germany and Austria. The German national railway company Deutsche Bahn has also officially accepted compaction tests with Light Weight Deflectometers under standard RL 830 for track construction.

Testing Computer

- Weatherproof box with external control buttons, protecting the test computer on site
- GPS system with display in satellite picture
- Integrated printer for immediate printout
- NEW: USB-Drive for data transfer to PC
- High-performance rechargeable battery
- PC-software for evaluation and management of measured data

TERRATEST 4000 USB High-quality manufacture, proven its worth more than 1000 times

Mechanical System
- Loading device with 10kg drop weight
- Measurement range $E_{vd}$ 15-70 MN/m$^2$ (equals $E_{v2}$ up to ca. 140 MN/m$^2$
- Load plate 300 mm with precision accelerometer
- Angled design load plate handles for mobile testing system "CARRELLO"
- Ergonomic triangular weight catching grip for comfortable handling on construction site
- Safety grip with integrated spirit level, tightly screwed to the guide rod
- Electroless nickel coating, especially suitable for construction sites, since largely resistant to alkaline constituents in lime, cement, concrete etc.

Testing Computer
- Protected testing computer in weatherproof box "ROBUSTA" with large impact resistant display and external control buttons
- Test operation of the device is also possible with the cover closed, so that the testing computer remains protected against dust, dirt and rain while working on the construction site.
- Integrated GPS system for immediate calculation of test position
- Saving on USB-drive for convenient data transfer to the PC
- Test input function
- Numerical graphic display for illustration of settlement curves, $s/v$ value and $E_{vd}$ value
- High-performance rechargeable battery with extremely long service life
- Conforming to protection class IP65
- Internal memory, PC interface for USB
- USB data transfer cable for reading out the internal memory via the PC
- Switchable to 15 kg loading device

Software "TERRATEST 2.0"
- Software "TERRATEST 2.0" for Windows 2000, XP, Vista, Windows 7, Windows 8 on CD ROM
- Presentation of testing points with $E_{vd}$ value, date and time in satellite picture (can be turned off)
- Individual data records with user-designed company logo and color coded settlement curves in A4 format
- Statistical analysis of the test in accordance with German standard TP BF StB Part B 8.3
- Detailed English user guide
- Information cards: Quick Start Guide, Rules for Proper Use, Correlation static/dynamic, Chart $E_{vd}$-$E_{vd}$-minimum requirements according to German standard ZTV E
Testing compaction on construction sites - do it yourself and save real money! Easy handling and the little effort and costs involved in this procedure make compaction testing with the Light Weight Deflectometer TERRATEST 4000 USB the optimal test method for earthworks, road construction, pipelines and cable work, gardening and landscaping as well as railway track construction. It is the cost-saving alternative to the time and money consuming static plate load test. Find out in less than two minutes if the required bearing capacity has been reached or if further compaction work is needed. Save real money on your construction project through accurate control of the compaction work!

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TERRATEST 4000 USB
corresponding to international standards

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Testing Computer

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- Weatherproof box with external control buttons, protecting the test computer on site
- GPS system with display in satellite picture
- Integrated printer for immediate printout
- NEW: USB-Drive for data transfer to PC
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- PC-software for evaluation and management of measured data
- All-inclusive Set “ROBUSTA”

Mechanical System

- Loading device with 10kg drop weight
- Measurement range Evd 15-70 MN/m² (equivalent $E_{v2}$ up to ca. 140 MN/m²)
- Load plate 300 mm with precision accelerometer
- Angled design load plate handles for mobile testing system “CARRELLO”
- Ergonomic hexagonal weight-catching grip for comfortable handling on construction site
- Safety grip with integrated spirit level, tightly screwed to the guide rod
- Electroless nickel coating, especially suitable for construction sites, since largely resistant to alkaline constituents in lime, cement, concrete etc.

Software „TERRATEST 2.0“

- Presentation of testing points with $E_{vd}$ value, data and time in satellite picture (can be turned off)
- Individual data records with user-designed company logo and color coded settlement curves in A4 format
- Statistical analysis of the test in accordance with German standard TP BF StB Part B 8.3
- Detailed English user guide
- Information cards: Quick Start Guide, Rules for Proper Use, Correlation static/dynamic, Chart $E_{v2}$-$E_{vd}$-minimum requirements according to German standard ZTV E

Everything you need included

✓ Weatherproof box with external control buttons, protecting the test computer on site
✓ GPS system with display in satellite picture
✓ Integrated printer for immediate printout
✓ NEW: USB-Drive for data transfer to PC
✓ High-performance rechargeable battery
✓ PC-software for evaluation and management of measured data

TERRATEST 4000 USB
High-quality manufacture, proven its worth more than 1000 times

Made in Germany

NEW: With USB-Drive
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**Mechanical System**
- Loading device with 10kg drop weight measurement range $E_{v2}$ 15-70 MN/m² (equals $E_{vd}$ up to ca. 140 MN/m²)
- Load plate 300 mm with precision accelerometer
- Angled design load plate handles for mobile testing system "CARRELLO"
- Ergonomic hexagonal weight-carrying grip for comfortable handling on construction sites
- Safety grip with integrated spirit level, tightly screwed to the guide rod
- Electroless nickel coating, especially suitable for construction sites, since largely resistant to alkaline constituents in lime, cement, concrete etc.

**Testing Computer**
- Protected testing computer in weatherproof box "ROBUSTA" with large impact resistant display and external control buttons. The operation of the device is thus also possible with the cover closed, so that the testing computer remains protected against dirt, dust and rain while working on the construction site.
- Integrated GPS system for immediate calculation of test position
- Saving on USB-drive for convenient data transfer to the PC
- Text input function
- Numerical graphic display for illustration of settlement curves, $E_{vd}$ value and $E_{v2}$ value
- High-performance rechargeable battery, with extremely long service life
- Conforming to protection class IP53
- Internal memory, PC interface for USB
- Charger 100-240 V input voltages as well as car-charger
- USB data transfer cable for reading out the internal memory via the PC
- Switchable to 15 kg loading device

**Software „TERRATEST 2.0“**
- Software „TERRATEST 2.0“ for Windows 2000, XP, Vista, Windows 7, Windows 8 on CD ROM
- Presentation of testing points with $E_{vd}$ value, data and time in satellite picture (can be turned off)
- Individual data records with user-designed company logo and color coded settlement curves in A4 format
- Statistical analysis of the test in accordance with German standard TP-BF StB Part B 8.3
- Compiled English user guide
- Information cards: Quick Start Guide, Rules for Proper Use, Correlation static/dynamic, Chart $E_{vd}$ $E_{v2}$ minimum requirements according to German standard ZTV E

**NEW: With USB-Drive**
- Weatherproof box with external control buttons, protecting the test computer on site
- GPS system with display in satellite picture
- Integrated printer for immediate printout
- NEW: USB-Drive for datatransfer to PC
- High-performance rechargeable battery
- PC-software for evaluation and management of measured data
Fully equipped „TERRATEST 4000 USB™
Certified quality, MADE IN GERMANY

- Light Weight Deflectometer „TERRATEST 4000 USB™“
  corresponding to international standard ASTM E2835-11
- Measurement electronics in weatherproof box
  with large inspection window and external button
  (extremely suitable for use on site)
- GPS system with display of testing points
  in satellite picture
- Internal printer for printout on site
- NEW: Test saving on USB-drive for data transfer to PC
- High-performance rechargeable battery
- NEW: Software “TERRATEST 2.0”
  for evaluation of measured data

Light Weight Deflectometer „TERRATEST 4000 USB™“

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GPS system with display of testing points
in satellite picture

Internal printer for printout on site

NEW: Test saving on USB-drive for data transfer to PC

High-performance rechargeable battery

NEW: Software “TERRATEST 2.0”
for evaluation of measured data

Compaction Tests
with the Light Weight Deflectometer

Made in Germany
Fully equipped „TERRATEST 4000 USB“
Certified quality, MADE IN GERMANY

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- NEW: Test saving on USB-drive for datatransfer to PC
- High-performance rechargeable battery
- NEW: Software “TERRATEST 2.0” for evaluation of measured data

COMPACT AND LIGHTWEIGHT
The Light Weight Deflectometer is lightweight and easy to handle, making it ideal for use on site.

PREMIUM QUALITY
TERRATEST 4000 USB is certified with Made in Germany and is manufactured to the highest quality standards.

NEW! USB DRIVE
NEW! USB Drive for data storage and transfer to PC.

COMPATIBILITY
The USB Drive is compatible with Windows and Mac OS.

NEW! SOFTWARE
NEW! Software “TERRATEST 2.0” for evaluation of measured data.

TERRATEST 4000 USB
the most intelligent Light Weight Deflectometer

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