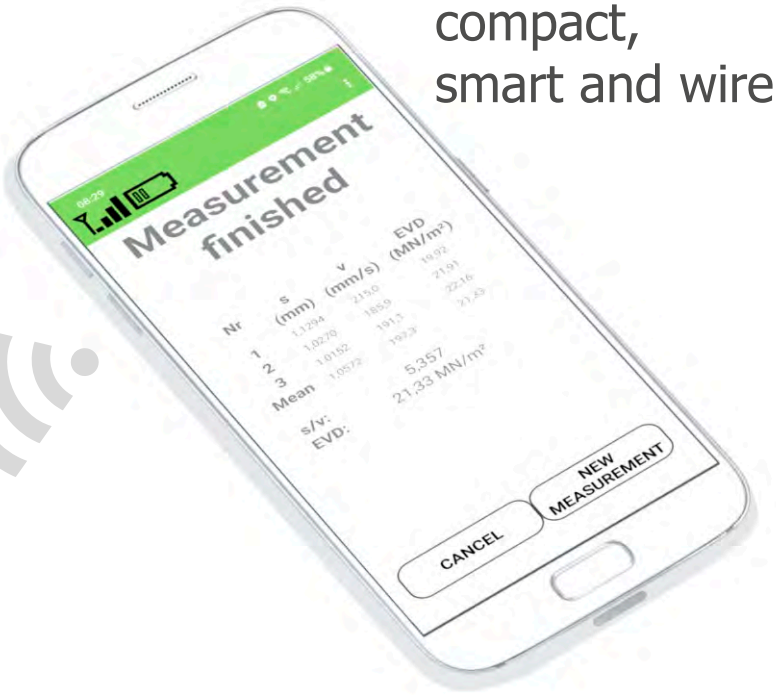
WEBER PRÜFTECHNIK × infraTest TESTING SYSTEMS

Light Weight Deflectometer



LWD WEBER connect BLE

compact,
smart and wireless



NEW now with Bluetooth®

made in Germany

LWD WEBER *connect BLE*



incl. App

- Light Weight Deflectometer - calibrated according to TP BF-StB part 8.4 (2016 edition)
- measuring range 15 – 70 MN/m² Evd
- stable wireless data transmission, particularly important in civil engineering
- powerful Li-Polymer battery
- square catch handle to prevent rolling away during transport
- high-quality chemical Ni-galvanic for the perfect protection against corrosion
- automatic calibration reminder 6 weeks before expiry date
- including WEBERconnect app from Google Play Store® when using your own smartphone Android 14 or higher
- Interface via Bluetooth®
- WEBERconnect App for Android
- full operation of the LWD via WEBERconnect app
- different languages selectable
- GPS – system of the smartphone for positioning (selectable)
- Documentation in PDF and CSV data format
- manually input of various information
- insert measuring point photo into the log using a smartphone
- generate PDF protocols including company and user data, company logo, information on the construction project, the location of the measurement and a photo of the measurement point
- Measurement results are automatically archived by construction project
- send single or multiple PDF logs
- Measurement results can also be sent as raw data and/or in CSV format

LWD WEBER *connect BLE* - **Smart**



- Equipment identical to LWD WEBERconnect BLE additionally with:
- Smartphone without SIM lock and free for every provider
- offline measurements on the construction site are possible without map display
- documentation logs as PDF can also be generated online afterwarts, including map display

LWD WEBER *connect BLE* - **Smart & Print**



Equipment identical to LWD WEBERconnect BLE - Smart with:

- mobile wireless WEBERconnect thermal printer with powerful lithium battery
- direct receipt printout after the measurement or later is possible from the history
- Receipt printout with company logo, company name, company contact details, measurement results, measurement curves, position coordinates, labels
- Receipt print file is also available as a PDF and can be sent

WEBERconnect-App for Android

- Free download from the Google Play Store
- search entry: weberconnect
- Lizenz free and without advertising
- usable in 11 languages



smart testing



1

Measure load capacity



2

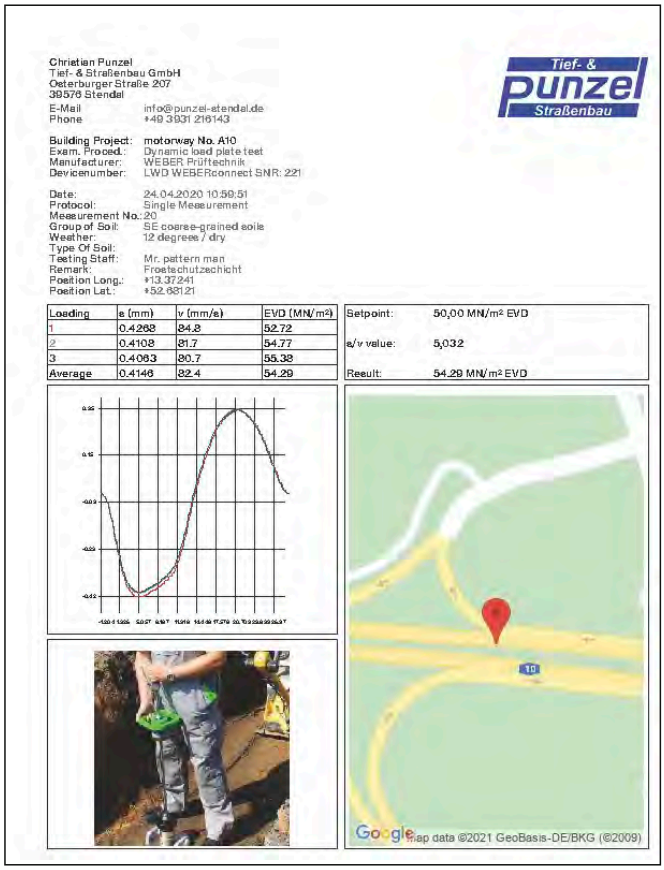
Create measurement protocol (PDF)



3

Select and send measurement protocols

Protocols



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39576 Stendal

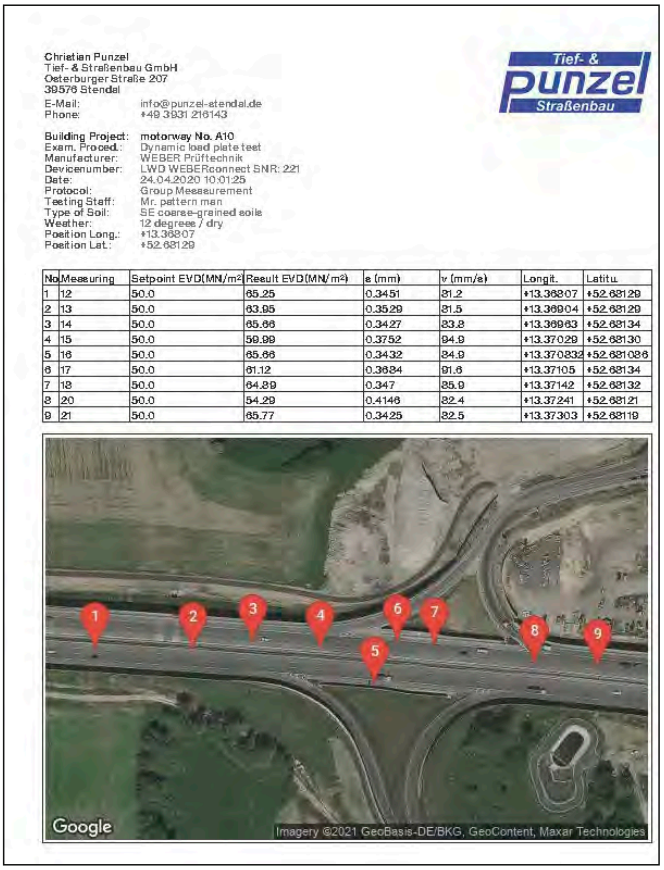
E-Mail info@punzel-stendal.de
Phone +49 3931 216143

Building Project: motorway No. A10
Exam. Proced.: Dynamic load plate test
Manufacturer: WEBER Prüftechnik
Devicenumber: LWD WEBERconnect SNR: 221

Date: 24.04.2020 10:59:51
Protocol: Single Measurement
Measurement No.: 20
Group of Soil: SE coarse-grained soils
Weather: 12 degreee / dry
Type Of Soil:
Teeting Staff: Mr. pattern man
Remark: Froetschutzecchicht
Position Long.: 13.37241
Position Lat.: 52.68121

Loading	s (mm)	v (mm/s)	EVD (MN/m²)
1	0.4268	84.8	52.72
2	0.4108	81.7	54.77
3	0.4063	80.7	55.38
Average	0.4146	82.4	54.29

Setpoint: 50,00 MN/m² EVD
a/v value: 5,032
Result: 54.29 MN/m² EVD



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Building Project: motorway No. A10
Exam. Proced.: Dynamic load plate test
Manufacturer: WEBER Prüftechnik
Devicenumber: LWD WEBERconnect SNR: 221
Date: 24.04.2020 10:01:25
Protocol: Group Measeurement
Teeting Staff: Mr. pattern man
Type of Soil: SE coarse-grained soils
Weather: 12 degreee / dry
Position Long.: 13.36807
Position Lat.: 52.68129

No.	Measuring	Setpoint EVD(MN/m²)	Reault EVD(MN/m²)	s (mm)	v (mm/s)	Longit.	Latitu.
1	12	50.0	65.25	0.3451	81.2	13.36807	52.68129
2	13	50.0	63.95	0.3529	81.5	13.36904	52.68129
3	14	50.0	65.66	0.3427	83.8	13.36963	52.68134
4	15	50.0	59.99	0.3752	84.9	13.37029	52.68130
5	16	50.0	65.66	0.3432	84.9	13.370833	52.681086
6	17	50.0	61.12	0.3684	91.6	13.37105	52.68134
7	18	50.0	64.89	0.347	85.9	13.37142	52.68132
8	20	50.0	54.29	0.4146	82.4	13.37241	52.68121
9	21	50.0	65.77	0.3425	82.5	13.37303	52.68119

Accessories



Magnetic base
- Aluminium



Transport - Box
- Aluminium
- slim
- ventilated interior
- wheels



Transportation trolley
- stainless steel
- Magnetic base mount
- can be disassembled
- run flat tires

Service / Calibration

- Organization of transports (optional)
- In-house service workshop
- In-house, official approved calibration stand






Bundesanstalt für Straßenwesen

bast

Anerkennung als Kalibrierstelle
für das Leichte Fallgewichtsgerät nach TP BF-StB

Bezeichnung der Kalibrierstelle:	Weber Prüftechnik
Leiter:	Dipl-Ing (FH) Lutz Wengel
Anschrift:	Arneburger Straße 121, 39590 Tangermünde
Telefon / e-mail:	039322-717011, info@weber-prueftechnik.de

Die privatrechtliche Anerkennung gilt für die Kalibrierung von leichten Fallgewichtsgeräten nach den Technischen Prüfvorschriften für Boden und Fels im Straßenbau, TP BF-StB (Ausgabe 2012) Teil 8.3 „Dynamischer Plattendruckversuch mit Leichtem Fallgewichtsgerät" und für mittelschwere Fallgewichtsgeräte nach den Technischen Prüfvorschriften für Gesteinskörnungen im Straßenbau TP Gestein-StB (Ausgabe 2012) Teil 8.2 1) „Dynamischer Plattendruckversuch mit dem Mittelschweren Fallgewichtsgerät".

Grundlage für die Kalibrierung ist die Technische Prüfvorschrift für Boden und Fels im Straßenbau, TP BF-StB (Ausgabe 2012) Teil 8.4: Kalibriervorschriften für das Leichte und das Mittelschwere Fallgewichtsgerät.

Die Anerkennung mit der Registriernummer 15-20210121-I, ist befristet bis zum 31.12.2021.

Bergisch Gladbach, 28.01.2021

Im Auftrag

(Dr.-Ing. U. Zander - Direktor und Professor)
Abteilung 5 - Straßenbautechnik

(Dr.-Ing. D. Jansen)
Referat S53 – Dimensionierung und Straßenaufbau

*Images may differ from the original.

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Fon: 0049 7135 95000

USt-IdNr.: DE 144995701
Amtsgericht Stgt. HRB Nr. 320385
GF: Matthias Martus | Stefan Dräger

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