

Light Weight Deflectometer

LWD **WEBER** *connect*



compact, smart and wireless

Basic



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-ion 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
- including ANT dongle and adapters
- 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

Smart



Equipment identical to "Basic" - additionally with:

- Smartphone without SIM lock and free for every provider
- Function possible offline and without Google account
- Registration in the company's own IT system is not necessary
- Smartphone and WEBERconnect app are pre-configured
- All app functions are available as with the "Basic" equipment

Smart & Print



Equipment identical to "Smart" - additionally 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

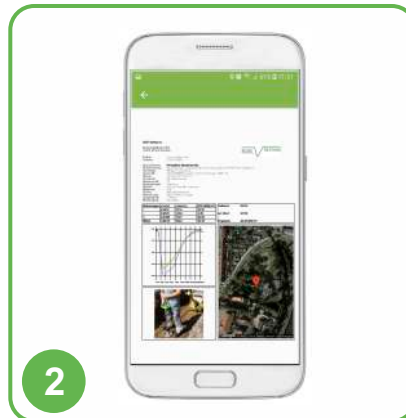
- Free download from the Google Play Store
- search entry: weberconnect
- Lizenz free and without advertising
- usable in many languages



smart testing



Measure load capacity



Create measurement protocol (PDF)



Select and send measurement protocols

Protocols

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Tief- & Straßenbau

Building Project: motorway No. A10
Exam. Proceed: Dynamic load plate test
Manufacturer: WEBER Profitechnik
Device number: 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 degrees / dry
Type Of Soil: Mr. pattern man
Testing Staff: Proteschtzschicht
Remark: #13.37241
Position Long.: #52.08121

Loading	e (mm)	v (mm/s)	EVD (MN/m²)
1	0.4298	24.8	52.72
2	0.4108	21.7	54.77
3	0.4093	20.7	55.38
Average	0.4146	22.4	54.29

Setpoint: 50,00 MN/m² EVD
s/v value: 5,032
Result: 54,29 MN/m² EVD

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Building Project: motorway No. A10
Exam. Proceed: Dynamic load plate test
Manufacturer: WEBER Profitechnik
Device number: LWD WEBERconnect SNR: 221

Date: 24.04.2020 10:01:25
Protocol: Group Measurement
Testing Staff: Mr. pattern man
Type of Soil: SE coarse-grained soils
Weather: 12 degrees / dry
Position Long.: #13.38007
Position Lat.: #52.08120

No.	Measuring	Setpoint EVD(MN/m²)	Result EVD(MN/m²)	e (mm)	v (mm/s)	Longit.	Latitu.
1	12	50.0	65.25	0.3451	21.2	#13.36807	#52.08120
2	13	50.0	63.95	0.3529	21.5	#13.36904	#52.08129
3	14	50.0	65.96	0.3427	23.8	#13.36953	#52.08134
4	15	50.0	67.52	0.3752	24.9	#13.37029	#52.08130
5	16	50.0	65.89	0.3432	24.8	#13.37028	#52.08109
6	17	50.0	61.12	0.3884	21.8	#13.37105	#52.08134
7	18	50.0	64.29	0.347	25.9	#13.37142	#52.08132
8	20	50.0	64.29	0.4146	22.4	#13.37241	#52.08121
9	21	50.0	65.77	0.3425	22.5	#13.37303	#52.08119

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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

