

HMP LFG 4

Light Weight Deflectometer



Compaction control within 2 minutes!

Manage and control your compaction works and improve the quality of your construction.



This gives you confidence and saves time and money!

Determine the bearing capacity and compaction quality of soils and noncohesive subbases now

fast, reliable, precise.

Application

- Quality protection in road- and railway construction
- Quality assurance in earth works and canal construction
- Compaction monitoring in pipe trenches and cable ducts
- Testing of pavement bedding, foundation backfill

Your advantage

- Test result within only 2 minutes
- Simplest operation, Data transfer via USB
- Defining the position via GPS
- Comfortable evaluation software
- Certified German production
- In use all over the world for more than 30 years
- Comprehensive correlations to other test methods ensure the comparability

HMP LFG4

Easy to use,
smart, small and precise

Displayed in original size.

HMP LFG4 8517

Measuring
Measured data
Setting

Device

Measurement 6
0,790 0,785 0,788

$S_m=0,788\text{mm}$ $s/v=3,88\text{ ms}$

$E_{vd}=28,55\text{MN/m}^2$

print

**Intuitive menu navigation:
choose, confirm, ready!**

Display
Device
Printer
back

Date
Time
Language
back

Drop weight 10kg
GPS X
Unit MN/m^2
Calib.date ✓

No.	Date	Time	Evd
1	12.03./09:29		57,7
2	12.03./09:40		56,3
3	12.03./10:24		51,0
4	15.03./08:34		51,9

scroll forward
scroll backward
back

**Individual adjustment
possibilities**

**Results immediately
available!**

**Simple and fast selection
of the stored measurements**

DYNAMIC PLATE LOAD
TEST according to
TP BF-StB part B 8.3,
ASTM E2835-11

HMP LFG4
No. 8517

EXAMINER

WEATHER/TEMPERATURE

PROJECT

TEST SURFACE/LAYER

No.: 2

TESTDATE/TIME:
2014-03-05/ 14:59

GPS-position
N 52°10'36.70
E 11°39'39.33

n	Sn(mm)	Vn(mm/s)
1	0.790	203.6
2	0.785	203.2
3	0.788	202.9

MW	0.788	203.2
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EVALUATION

$E_{vd}= 28.55\text{ MN/m}^2$
 $s/v= 3.88\text{ ms}$

$t=5\text{ms/d.}$, $s=0,10\text{mm/d.}$

Applicable codes:

ASTM E2835-11 American Standard

TP BF-StB B 8.3 German Engineering Code

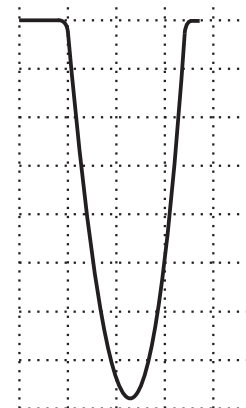
UNE 103807-2:2008 Spanish standard

RVS 08.03.04 Austrian standard

TB 10102-2004, J338-2004 Chinese Standard

ZTV E-StB 09, ZTV A-StB 97, RIL 836 ...

Comprehensive correlations to other test
methods ensure the comparability.



**Easy data transfer
to USB stick**

Service:

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for North America

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