



HMP SON

dynamic probing

automatic logging and immediate evaluation



HMP SON-M

suitable for all common mechanical penetrometer

The measuring instrument HMP SON-M records the stroke rate **using radar**. Simultaneously to that an ultrasonic sensor determines the penetration depth. The number of Strokes per 10 cm of penetration depth is automatically recorded and stored.

HMP SON-P

suitable for all common pneumatic penetrometer

The measuring instrument HMP SON-P records the stroke rate **using a pressure sensor**. By pressing the foot switch every 10 cm of penetration depth, the number of strokes is recorded and stored for that penetration depth.

Forget the annoying counting and evaluating of the stroke rates by hand - our new development HMP SON does it for you by a single click! HMP SON is an intelligent automatic logging and evaluation unit for dynamic probing according to **EN ISO 22 476-2**- developed by HMP.

Advantages:

- ✓ easy to retrofit to any common pneumatic or mechanical penetrometer
- ✓ more accurate than manual data logging/evaluation - error-free by internal plausibility check
- ✓ intuitive menu navigation
- ✓ detects rod changes
- ✓ enormous time savings due to automation, no more tally lists!
- ✓ short protocol printable directly at the site
- ✓ optional: fast, comfortable protocol creation on PC

HMP SON^{pro}

simple, quick and error free

short protocol
printable immediately at the site

intuitive menu navigation:
choose > confirm > done!

clear display and convenient management
of measured values

individual device settings

PC software PROSON
for postprocessing and creation of professional
test protocols

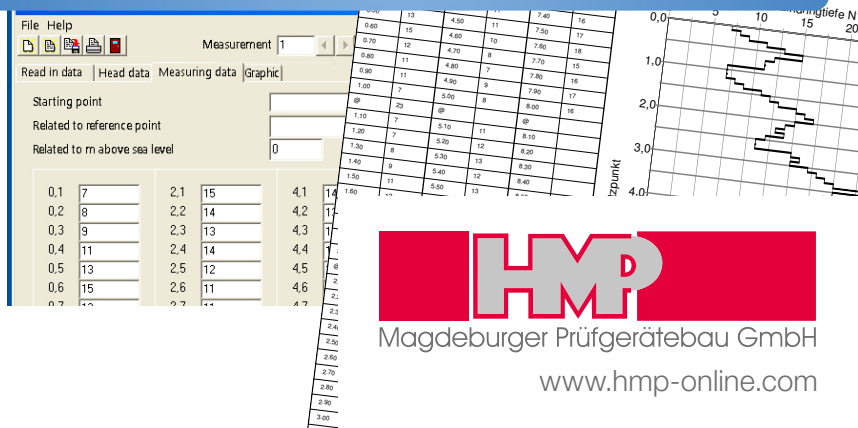
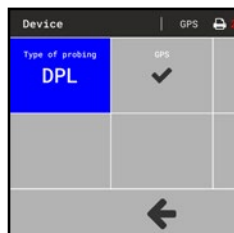
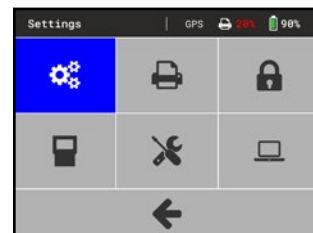
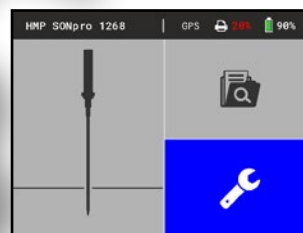
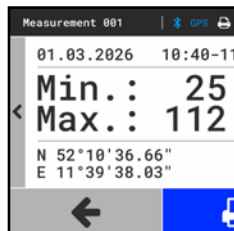
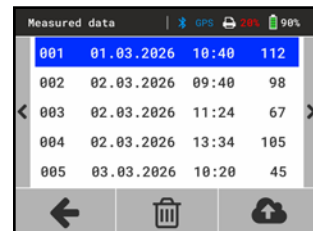
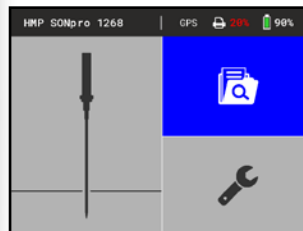
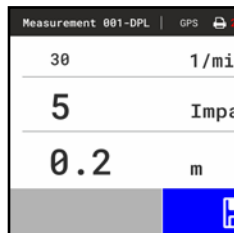
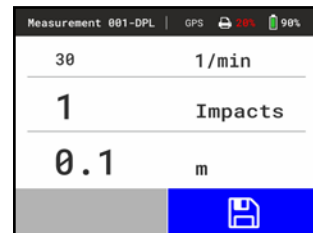
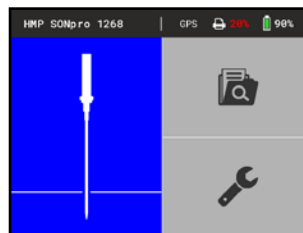
USB

GPS

Printer

Software

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Finish. time:
Depth: in m Impacts
0,1 3
0,2 7
0,3 8
0,4 11
0,5 13
0,5 15



MADE
IN
GERMANY



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