

## SOFTWARE FOR DYNAMIC PROBING DATA EVALUATION

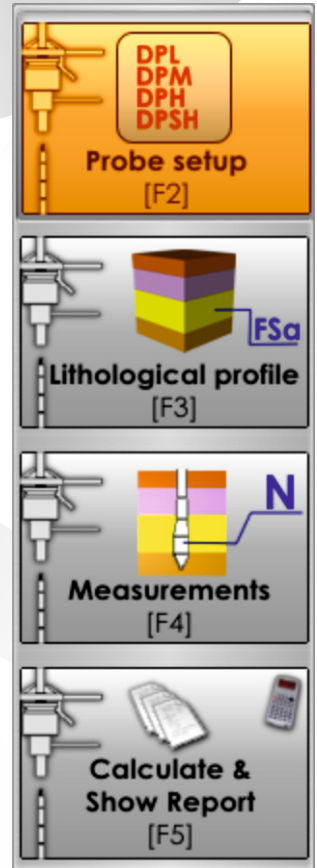
Software designed for evaluation and archivization of data received during all dynamic probing tests DPL, DPM, DPH and DSPH.

Acc. with PN-B-04452 and EN ISO 22476-2 (Eurocode 7)

- Simple, intuitive menu in English that allows to choose suitable evaluation method
- Allows for evaluation of data from DPL, DPM, DPH and DSPH probing using formulas in acc. with Polish and European Standard
- Additionally includes an option of evaluation using individual calculator factors
- Automatic evaluation from N to  $I_D$  and  $I_s$
- Possibility to add soil profile correlated with the results of the dynamic probing
- As a result Customer achieves professional protocol from the probing point

**\*License terms:**  
license validation time: **non-limited**  
number of PC station: **license**  
can be installed on **1 PC station**

- Data input and evaluation**
  - clear table for data input
  - manual input of N factor
  - manual input of torque wrench data
  - automatic correction of N factor for the first 50 cm of the probing acc. Polish Standard [possible modification of the evaluation factor]
  - automatic evaluation of ID and IS



**Type of penetrometer**

[select]

- DPL penetrometer (DP-10)
- DPM penetrometer (DP-30)
- DPH penetrometer (DP-50)
- DPSH-A penetrometer (DP-63,5)
- DPSH-B penetrometer (DP-63,5)

**REQUIREMENTS OF THE STANDARD**

Standard used for evaluation

- PN-B-04452 [PL]
- IBPGBDIM, part 2 [PL]
- PN-EN ISO 22476-2 / PN-EN 1997-2
- customers

**DYNAMIC PROBING TEST REPORT**  
**LIGHT DYNAMIC PENETROMETER (DP-10)**

Executor: \_\_\_\_\_, date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Location: \_\_\_\_\_ Subject number: \_\_\_\_\_

Customer: \_\_\_\_\_ Order no.: \_\_\_\_\_

Height a.s.L. \_\_\_\_\_ GPS Coordinates (BL) - location: \_\_\_\_\_

Test number: \_\_\_\_\_

Type of penetrometer: **Light probe DPL** Identification of penetrometer: \_\_\_\_\_ Test date: **22-12-2015** Additional description: \_\_\_\_\_

In acc. with Polish standard PN-B-04452

DPT [m]	Lithological profile	Depth [m] BGL	Number of blows* 10 20 30 40	Readings N10 DPT[m]	idx I <sub>D</sub>	Graph of density index I <sub>D</sub>	C.f. I <sub>s</sub>	I <sub>D</sub> avg. I <sub>s</sub> avg. for layers	
0.1	MSa			0.1	0.74		0.95	0.70	0.98
0.2				0.2	0.66		0.95		
0.3				0.3	0.50		0.94		
0.4				0.4	0.48		0.94		
0.5				0.5	0.37		0.92		
0.6				0.6	0.37		0.92		
0.7				0.7	0.46		0.93		
0.8				0.8	0.50		0.94		
0.9				0.9	0.48		0.94		
1.0				1.0	0.48		0.94		
1.1				1.1	0.46		0.93		
1.2				1.2	0.53		0.95		
1.3				1.3	0.53		0.95		
1.4				1.4	0.52		0.94		
1.5				1.5	0.58		0.95		
1.6				1.6	0.56		0.95		
1.7				1.7	0.58		0.95		
1.8				1.8	0.59		0.96		
1.9				1.9	0.58		0.95		
2.0				2.0					
2.1				2.1					
2.2				2.2					
2.3				2.3					
2.4				2.4					
2.5				2.5					

- 4 methods of evaluation**
  - acc. with Polish Standard PN-B-04452
  - acc. with European Standard EN ISO 22476-2 (Eurocode 7)
  - acc. Polish Instruction of Soil Testing
  - acc. Customers evaluation factors

- Lithological profile correlated with DP data**
  - type of soil
  - thickness of the layer
  - water level

- Professional report in A4 format with full data included**