

ZORN DPL

Lightweight dynamic penetrometer

According to DIN EN ISO 22476-2:2005

(DPL, before DIN 4094)

and TP BF-StB Part B 15.1 (DPL-5)



DETAILS

- Guiding rod with rubber handle
- Anvil without lever
- Open-ended wrench
- Lightweight dynamic penetrometer
- Pointer for anvil
- Frog clip 10-25 mm
- Probing rods
- Probing tips
- Wire brush
- Transport box

1

Lightweight dynamic penetrometer for the geological exploration of soils

Dynamic probing is a method of soil investigation in civil engineering and geotechnics.

Dynamic probing equipment is used to determine the layer boundaries when testing the subsoil for building, bridge and road construction as well as other structures, to check compaction work and fills and to determine the storage conditions of rolling soils.

It can also be used to obtain information on soil physical parameters for assessing the load-bearing capacity of the soil and for stability issues.

The ZORN DPL is a simple and very handy, effective tool.

2

In dynamic probing, a probe is driven into the ground with a defined amount of energy. To do this, the 10 kg light weight is lifted up to the stop using the side handles and then dropped. The number of blows required for a specified penetration depth is recorded.

The results are used to determine the probable driving properties of the soil, as there is a certain similarity between dynamic probing and pile driving.

Good soil outcrops can be obtained relatively easily and quickly with pile driving probes.



ZORN DPL

L x B (max.): 900 x 330 mm

Lightweight: 10 kg

Total weight: 15 kg

ZORN DPL Transport Box

L x B x H: 1.140 x 440 x 190 mm

Total weight: 64 kg

