



GEOTECHNICAL AND DRILLING INSTRUMENTS

Waldemar Szkurlat

founded in 1934

DYNAMIC PROBE LIGHT DPL (SD-10) FOR DETERMINING OF THE SOIL COMPACTION DEGREE

Dynamic probe light is design to test the resistance of soils to the dynamic penetration of a cone immersed to the ground by a hammer of a given mass 10 kg. The penetration resistance can be used to determinate the soil compaction degree and also bearing capacity of non-cohesive soils.

IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

PN-B-04452

Geotechnika. Badania polowe.

EN ISO 22476-2

Geotechnical investigation and testing.

Field testing. Part 2. Dynamic probing.

EN 1997-2

Geotechnical design. Part 2. Ground investigation and testing.

**DIRECTLY
FROM THE
MANUFACTURER**

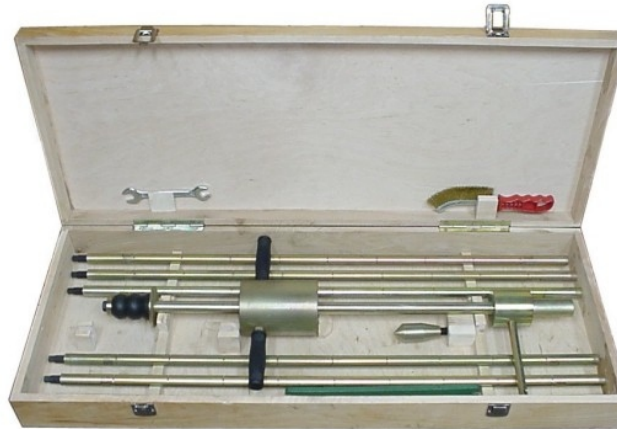
Dynamic penetrometer SD-10 is available in two configurations:

Dynamic penetrometer SD-10 without the free-fall handle (for shallow penetration <3 m p.p.t.)

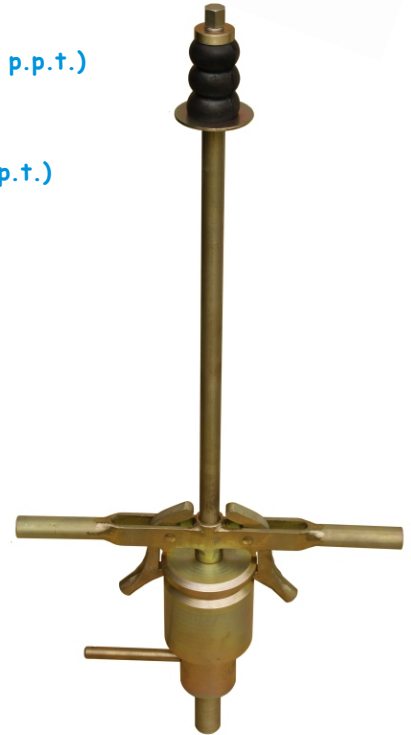
- Guide with height limit
- Weight 10 kg
- Anvil with handle

Dynamic penetrometer SD-10 with the free-fall handle (for deep penetration 3-10 m p.p.t.)

- Guide with height limit
- **Free-fall handle (releasing system)**
- Weight 10 kg
- Anvil with handle



Penetrometer SD-10 without the free-fall handle
in wooden box with additional equipment



Penetrometer SD-10 with the free-fall handle

Additional equipment for dynamic penetrometer SD-10:

- Cone for DPL penetrometer
- Rod \varnothing 22 mm x 1 m, nipple M16 (scaled every 10 cm)
- Manual rod extruder with clamping jaws (medium lift-weight capacity 1500 kg)
- Wooden box for dynamic probe light without the free-fall handle (place for 6 rods)
- Wooden box for dynamic probe light with the free-fall handle (place for 10 rods)
- Wooden box for rods
- Wax grease for the penetrometer
- Brush to clean the internal threads
- Software for the interpretation of the compaction degree of soils

GEOTECHNICAL AND DRILLING INSTRUMENTS Waldemar Szkurlat
POLAND, 05 - 077 WARSAW, ul. Szosa Lubelska 4
tel./fax.: (+48) 22 773 39 32, (+48) 22 773 37 78
biuro@szkurlat.com.pl www.szkurlat.com.pl