



KODIAK®

*Lightweight dynamic cone
penetrometer with constant
and variable energy*

SOL  SOLUTION
Solidly-based innovation

ENGINEERING

**SOIL TESTING
AND GEOTECHNICAL
EQUIPMENT**

**RESEARCH AND
DEVELOPMENT**

**TECHNICAL
TRAINING**

SOL SOLUTION

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Objective

TO OPTIMIZE SOIL STUDIES AND GEOTECHNICAL DIAGNOSIS

Characteristics

Penetrometer's weight: 13,6 kg

Waterproof suitcase on wheels
(dimensions: 101 x 42 x H17 cm)

Constant or variable hammering energy

3 rams: 1 fix ram of 5 kg and 2 additional
rams of 3 and 2 kg

Fix and sacrificial cones of 2, 4, 10 cm²

50 cm rods graduated every 10 cm

Advantages

- Conception et development by Sol Solution
- Simplicity and speed of testing
- Single person operation
- Adaptation of the hammering energy to the hardness of the soil during the test by simply screwing and unscrewing the additional weights (3 rams: 5, 8 and 10 kg)
- Rods extraction by reverse hammering
- Estimation of the bearing capacity
- Mobile app Solapp® to generate various penetrograms
- Datasheet (Excel) for data processing N10, qd (MPa), CBR(%), correlations
- Standard NF EN ISO 22476-2 - DPL

Option

- Mechanical rod extractor

