

# e-KODIAK®

*Connected 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**

ZA des Portes de Riom Nord  
23 avenue Georges Gershwin  
BP 178 - 63204 RIOM Cedex - FRANCE

**T** : +33 (0)4 73 64 74 84

**F** : +33 (0)4 73 64 74 80

**M** : [contact@sol-solution.com](mailto:contact@sol-solution.com)

**[WWW.SOL-SOLUTION.COM](http://WWW.SOL-SOLUTION.COM)**

# e-KODIAK®

## Objective

**TO OPTIMIZE AND ANALYSE 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 cm<sup>2</sup>

50 cm rods graduated every 10 cm

Acquisition system for penetration measure  
associated to the mobile app Solapp® to  
visualize in real time the penetrograms on  
smartphone or tablet (GPS)

Online software Websprint® for processing  
the geotechnical data

## Advantages

- Conception et development by Sol Solution
- Simplicity and speed of testing
- Single person operation
- Increased productivity with its automatic acquisition system
- 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
- Various languages available
- Standard NF EN ISO 22476-2 - DPL

## Option

- Mechanical rod extractor

