

PHICOMETER

IN SITU SHEARING TEST

Ref: A7_8101601

THE +

- + Optimal test on soil hard to sampled
- + Fitted also in altered rocks
- + Fast execution and low cost compared to laboratory tests

APPLICATIONS

• Measurement of the mechanical characteristics ϕ_j and C_j of soil, using a linear shearing test.

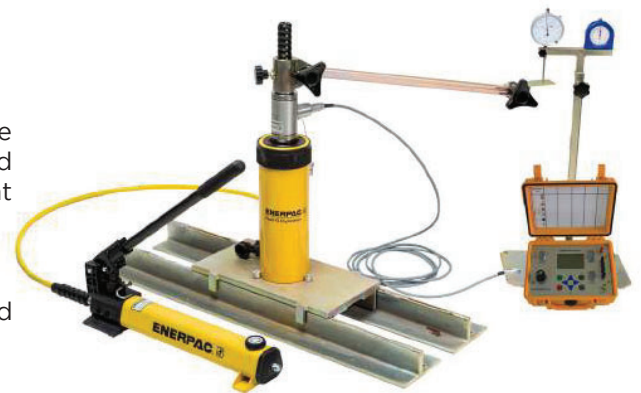
IMPLEMENTATION

The phicometer allows to perform in situ shearing test. The borehole is drilled so as to minimize wall disturbance and to keep a cavity diameter compatible with the equipment (63 mm).

The probe is lowered into the borehole to the required test depth, thanks to rods for pulling effort.

It can be used with the following equipment:

- Ménard pressuremeter [see p.44](#)
- Nitrogen bottle with regulator [see p.67](#)
- Drilling rods [see p.96](#)



DATA CAN BE PROCESSED
AFTER MANUAL INPUT, BY
OUR SOFTWARE GEOVISION®