MÉNARD PRESSUREMETER

THE +

+ Conception following the original Ménard procedures

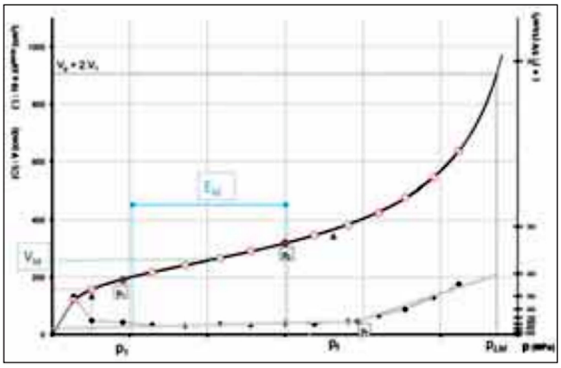
+ Clear and easy to use control panel

+ Easy to read measurements

+ Quality tripod: stable, sturdy and easy to install

+ Simple general maintenance with special package

APPLICATIONS



´ In situ stress controlled loading test performed on the wall of a borehole using a cylindrical probewhich can expand radially The Ménard pressuremeter (Control Unit), plastic tubing and 3-cell probe allows to perform in situ Pressuremeter test in soils according to the ISO 22476-4 and ASTM D4719-07 standards.From the test readings (volume variation based on controlled pressure), a stress-strain curve can be obtained, in the case of plane deformation, which yields: the Ménard Pressuremeter modulus (EM), the creep pressure (Pf), theMénard limit pressure (Pl)

IMPLEMENTATION

The borehole is drilled so as to minimize wall disturbance and to keep a cavity diameter compatible with the probe size (63 mm or 76 mm). As soon as the probe is lowered into the borehole to the required test depth, the operator can start the testexecution by pressure increments with the control unit.