



The pocket penetrometer is specifically used to determine the penetration resistance of top layers (measuring depth 5 millimetres) and of samples in the field or in the laboratory. The measuring range is 0,5 MPa. It displays the the penetration resistance encountered immediately.

When pushing the instrument into the ground, the pin encounters a force of the ground. The spring is compressed by this force. A slip ring is taken along during this operation, which shows on the scale the maximum force that has been encountered.

Key Features

- Soil profile description and classification
- Flat cone allows for shallow measurements
- Allows indicative measurements on samples
- For a quick indication of the top layer or in samples

The scale has been calibrated in such a way that the penetration resistance encountered can be read on it immediately.

Applications

- Soil profile description and classification

Specification

Angle of cone	0 °
Cone surface range	0,3165 cm ²
Maximum force	500 @ 0,3165 cm ² kPa
Maximum measuring depth	1 cm
Measured parameters	Penetration resistance
Measuring range	0...500 kPa
Product material	Stainless steel, iron, PVC, other material
Reading accuracy	3%
Registration type	Manual
Package size	18 x 4 x 3 cm
Weight	0,32 kg

